

Defects in cable tray materials





When fitting cable trays and their accessories, the products are cut on site to create changes of direction, adjust sections, etc. Damage can also occur during handling; as a result, both the ...



However, like any other infrastructure, cable trays are prone to failures that can result in serious safety hazards, financial losses, and downtime. In this article, we will discuss the two basic ...



This quality assurance plan outlines the inspection process for cable trays. It details the raw materials, components, and characteristics that will be checked at various stages of production.



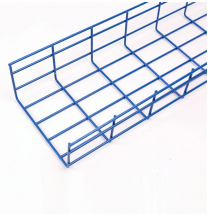
Discover common cable management problems and how cable tray accessories effectively solve them to ensure safety and performance.



Cable trays of inferior quality are often associated with hidden costs that vastly exceed the initial price of the trays. Early ...



For engineers, contractors and facility managers, understanding common problems in steel cable tray installations – and knowing how to avoid ...



In designing supports for a cable tray system, consideration should be given to the loads associated with future cable additions and any additional loading that may be applied to the cable tray system (e.g., ...



Here we introduce various types of faults that may occur in cable trays and their solutions in details, hoping we can help you in some way.

Types of Cable Tray Failures Preventing Cable Tray Failures Conclusion Don't Leave empty-handed! Cable tray failures can be broadly classified into two types: mechanical failures and electrical failures. See more on electrical4uonline

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#b_results
.b_vidAns{border-radius:6px;box-shadow:0 0 0 1px rgba(0,0,0,.05);padding:16px
20px;gap:10px;background:#fff}@charset "UTF-8";#b_results .b_ans.b_vidAns{box-
shadow:none!important;padding:var(--smtc-gap-between-content-medium) 0!importa
nt;background:var(--bing-smtc-background-ctrl-fade-on-image-stop-0)}#b_results
#serpvidans.vsacf .mc_vtvc,#b_results #serpvidans.vsacf .mc_vtvc_th,#b_results
#serpvidans.vsacf .cico,#b_results #serpvidans.vsacf .mc_vtvc_htb,#b_results
#serpvidans.vsacf .vrhc,#b_results #serpvidans.vsacf .vrhcp,#b_results
#serpvidans.vsacf .vrhtc,#b_results #serpvidans.vsacf .vrhtpc{border-
radius:var(--mai-smtc-corner-card-default)}#b_results #serpvidans.vsacf .mmlist
.mc_vtvc,#b_results #serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta{margin:0}#b_results #serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_channel,#b_results #serpvidans.vsacf .mmlist
.mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_row_channel{color:var(--smtc-foreground-
content-neutral-primary)}#serpvidans.vsacf,#serpvidans.vsacf .expctn
.expbody,#serpvidans.vsacf .mmlist{display:flex;flex-direction:column;gap:var(--smtc-
gap-between-content-medium)}#serpvidans.vsacf
.cico{height:auto}#serpvidans.vsacf
.mc_vtvc_ban_lo{top:0;right:auto}#serpvidans.vsacf .mc_cwvc .mc_vtvc
.mc_vtvc_meta,#serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta{height:auto;padding:var(--smtc-gap-between-content-xx-small) 0
var(--smtc-gap-between-content-xx-small) var(--smtc-gap-between-content-medium);
display:flex;flex-direction:column;justify-content:space-between}#serpvidans.vsacf
.mc_cwvc .mc_vtvc .mc_vtvc_meta .mc_vtvc_title,#serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_title{color:var(--smtc-ctrl-link-foreground-brand-rest);font:va
r(--bing-smtc-text-global-body2);height:auto;display:-webkit-box;-webkit-line-
clamp:2;-webkit-box-orient:vertical}#serpvidans.vsacf .mc_cwvc .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block_area,#serpvidans.vsacf .mc_cwvc .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block,#serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block_area,#serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block{display:flex;flex-
direction:column;gap:var(--smtc-padding-ctrl-text-side)}#serpvidans.vsacf .mc_cwvc
.mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block_area
.mc_vtvc_meta_row,#serpvidans.vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block .mc_vtvc_meta_row,#serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block_area .mc_vtvc_meta_row,#serpvidans.vsacf
.mmlist .mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block .mc_vtvc_meta_row{color:var(
--smtc-foreground-content-neutral-primary);height:var(--mai-smtc-padding-card-
default);font:var(--bing-smtc-text-global-caption1)}#serpvidans.vsacf .mc_cwvc
.mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block_area .mc_vtvc_meta_row
.mc_vtvc_meta_row_channel::before,#serpvidans.vsacf .mc_cwvc .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block .mc_vtvc_meta_row
.mc_vtvc_meta_row_channel::before,#serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block_area .mc_vtvc_meta_row
.mc_vtvc_meta_row_channel::before,#serpvidans.vsacf .mmlist .mc_vtvc

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.mc_vtvc_meta .mc_vtvc_meta_block .mc_vtvc_meta_row
.mc_vtvc_meta_row_channel::before{content:" · "}#serpvidans.vsacf .mc_cwvc
.mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block_area
.mc_vtvc_meta_pubdate,#serpvidans.vsacf .mc_cwvc .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block .mc_vtvc_meta_pubdate,#serpvidans.vsacf .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_block_area
.mc_vtvc_meta_pubdate,#serpvidans.vsacf .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block .mc_vtvc_meta_pubdate{color:var(--bing-smtc-foreground-
content-neutral-tertiary);padding-bottom:0}.vsacf .mc_cwvc .mc_vtvc_con_rc,.vsacf
.mmlist .mc_vtvc_con_rc{display:flex}.vsacf .mc_cwvc .mc_vtvc_con_rc
.mc_vtvc_meta_w,.vsacf .mmlist .mc_vtvc_con_rc
.mc_vtvc_meta_w{height:auto}#serpvidans.vsacf.vsasa .vsb_tr_c
.vsb_tr_t,#serpvidans.vsacf:not(.vsasa) .b_title{display:none}#serpvidans.vsacf:not(
vsasa)>.b_title:first-child,#serpvidans.vsacf:not(.vsasa) .expbody>.b_title:first-child,
#serpvidans.vsacf:not(.vsasa)>#ans_ss_dlg+.b_title,#serpvidans.vsacf:not(.vsasa)
.expbody>#ans_ss_dlg+.b_title{display:block}.vsacf .b_title{padding-left:0}.vsacf
.b_title .mmtitle{font:var(--bing-smtc-text-global-subtitle1-strong);margin-
bottom:0}.vsacf .b_title .mmtitle a::after{content:"";margin:5px 5px 0 0;border-
top:2px solid var(--smtc-foreground-content-neutral-primary);border-right:2px solid
var(--smtc-foreground-content-neutral-primary);background-size:7px 7px;width:7px;h
eight:7px;transform:rotate(45deg);display:inline-block;margin-
left:4px}#serpvidans.vsacf .b_title .mmtitle{margin-bottom:0}#serpvidans.vsacf
.b_title .mmtitle a{color:var(--smtc-foreground-content-neutral-
primary)}#serpvidans.vsacf .cardless.mmlist .mc_vtvc_con_rc,#serpvidans.vsacf
.cardless.mmlist .mc_vtvc_th{height:auto}#serpvidans.vsacf
.vsb_tr_c.va_tt{margin:0}#serpvidans.vsacf .vtbc .mv_vtvc_play,#serpvidans.vsacf
.vtbc .mv_vtvc_play_ext{position:static}#serpvidans.vsacf .va_tt
.mc_vtvc_ban_lo{display:block}#serpvidans.vsacf .mc_bc{width:auto;border-
radius:var(--smtc-ctrl-badge-sm-corner);padding:var(--smtc-padding-ctrl-text-side)
var(--smtc-gap-between-content-xx-small)}#serpvidans.vsacf .rmts .mc_bc
ems{display:none}#serpvidans.vsacf a.vsb_tr_t{color:var(--smtc-foreground-content-
neutral-primary)}.vsacf .va_tt .vsb_tr_chd
.mc_vtvc_th_dock.rmoverlay{height:36px}.vsacf .va_tt .vsb_tr_chd .mc_vtvc_th_dock
{height:92px;position:absolute;bottom:0;background:linear-
gradient(180deg,var(--bing-smtc-background-ctrl-fade-on-image-stop-0) 0%,var(--mai-
smtc-background-ctrl-on-image-rest) 100%)}vsacf .va_tt a.vsb_tr_t{padding:0
0;font:var(--bing-smtc-text-global-body-2-alt-strong)}.vsacf .va_tt .vsb_tr_chd
.mc_vtvc .mc_vtvc_meta,.vsacf .va_tt .vsb_tr_chd .mc_vtvc
.mc_vtvc_title{color:var(--mai-smtc-foreground-ctrl-on-image-rest)}.vsacf span.vcmt_
ctt{font:var(--bing-smtc-text-global-caption2);margin:var(--smtc-gap-between-
content-xx-small) 0 0;height:16px}#serpvidans.vsacf .vsb_tr_chd .mc_vtvc_tot
.mc_vtvc_title strong{font-size:14px;line-
height:20px;display:unset}#serpvidans.vsacf .va_tt .b_sldrp .slide:not(:first-
child){margin-left:var(--smtc-gap-between-content-small)}#serpvidans.vsacf .va_tt
.vsb_tr_chd .mc_vtvc .mc_vtvc_title{white-space:normal;display:-webkit-box;-webkit-
line-clamp:2;-webkit-box-orient:vertical}.vsacf .b_title:not(:first-child):has(+div)
.mmtitle{font:var(--bing-smtc-text-global-body-2-alt-strong)}#serpvidans.vsacf

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.revqpm+.va_tt .mm_vrc{padding-top:0}#serpvidans .va_tt .slide,#serpvidans
.mc_vtvc_th,#serpvidans .mc_vtvc_th .cico{border-radius:var(--mai-smtc-corner-card-
default)!important}#serpvidans.vsacf .b_module_expansion_control .b_btnContainer .
b_CompactExpansion{background-color:var(--bing-smtc-background-ctrl-neutral-rest)
;display:flex;justify-content:center;align-items:center;gap:4px;width:fit-
content;height:auto;padding:8px 12px}#serpvidans.vsacf
.b_module_expansion_control .b_btnContainer .b_CompactExpansion .b_CompactExpa
nsionBtnText{font:var(--bing-smtc-text-global-caption1-strong);color:var(--bing-smtc-
foreground-content-brand-rest)}#serpvidans.vsacf .b_module_expansion_control
.b_btnContainer .b_CompactExpansion
.b_arrow{display:flex;margin:0;height:auto}#serpvidans.vsacf
.b_module_expansion_control .b_btnContainer .b_CompactExpansion .b_arrow
path#Shape{fill:var(--bing-smtc-foreground-content-brand-rest)}#serpvidans.vsacf
.b_module_expansion_control .b_btnContainer::after{content:"";position:absolute;wid
th:100%;bottom:20px;left:0;height:1px;border-radius:1px;background:var(--smtc-
stroke-ctrl-on-neutral-rest)}#b_results .b_ans.b_vidAns{box-
shadow:none;padding:12px 20px 0}#b_results .b_ans.b_vidAns
.vasac{padding:unset;margin:0}#b_results .b_ans.b_vidAns .vsa
.b_attribution{padding-bottom:0}#b_results .b_ans.b_vidAns .cardless
.salink{margin:0}#b_results .b_ans.b_vidAns .mmlist .mc_vtvc{margin-
top:10px}#b_results .b_ans.b_vidAns .mmlist .mc_vtvc .mc_vtvc_meta{display:flex;fl
ex-direction:column;justify-content:space-between;margin:0 10px 4px
12px}#b_results .b_ans.b_vidAns .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_channel{color:#111}#b_results .b_ans.b_vidAns .mmlist .mc_vtvc
.mc_vtvc_meta .mc_vtvc_meta_row_channel,#b_results .b_ans.b_vidAns .mmlist
.mc_vtvc .mc_vtvc_meta .mc_vtvc_meta_block_area{color:#666}#b_results
.b_ans.b_vidAns .mmlist .mc_vtvc .mc_vtvc_meta
.mc_vtvc_meta_block_area{bottom:0;height:unset}.b_dark .vsa.cardless .mc_vtvc{ba
ckground-color:unset}.mmtitle>a{display:block}.mc_fh{height:100%;border-
radius:6px}.mc_tc_bs{overflow:hidden}.mmlist .mc_vtvc .mc_vtvc_meta { padding:
12px 16px 16px 16px; } .mmlist .mc_vtvc .mc_vtvc_meta_w { height: 112px; margin-
top: -0px; } .mmlist .mc_vtvc .mc_vtvc_title { height: 44px; line-height: 22px; margin-
bottom: 0px; margin-top: 0px; } .mmlist .mc_vtvc .mc_vtvc_meta_block_area {
height: 40px; } .mmlist .mc_vtvc .vtmu, .mmlist .mc_vtvc .vtpl { bottom: 120px; }
.mmlist .mc_vtvc_th_dock { height: 112px; } .mmlist .mc_vtvc_th .cico { height:
131px; } .mc_vtvc{background-color:var(--smtc-background-card-on-primary-default-
rest);line-height:0;margin:0;position:relative;border-radius:6px;overflow:hidden}.mc_
vtvc.noshadow{box-shadow:none}.mc_vtvc_con_rc{border-radius:6px;overflow:hidde
n;position:relative}.mc_vtvc>a{color:#71777d;display:block;text-
decoration:none;width:100%}.mc_vtvc>a:focus-visible::after{outline:2px solid var(--s
mtc-ctrl-focus-outer-stroke);width:100%;height:100%;content:"";outline-offset:-2px;po
sition:absolute;top:0;left:0}.mc_vtvc_th{background-
color:#d5d5d5;position:relative}.mc_vtvc_th .cico{border-radius:0}.mc_vtvc_ban_lo,.
mc_vtvc_ban_up{position:absolute;vertical-align:middle}.mc_vtvc_ban_lo{bottom:0}.
mc_vtvc_ban_up{top:0}.mc_vtvc_title{font-weight:normal;margin-bottom:11px;overfl
ow:hidden;color:#111;height:calc(3*18px);line-height:18px}.mc_vtvc_title
a{display:inline-block;color:#111}.mc_vtvc_title a:hover{text-decoration:underline}.

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mc_vtvc_src_ico{float:left;margin-right:4px}.mc_vtvc_act{height:16px;margin-
top:-40px;padding:12px 8px;z-index:1}.mc_vtvc_actc{right:16px;bottom:16px;positio
n:absolute;display:inline-block;z-index:1}.mc_vtvc_act_sep{border-top:1px solid
#d5d5d5;height:40px;margin:0 8px}.mc_vtvc_fh .mc_vtvc_act_sep,.mc_vtvc_fh
.mc_vtvc_act{visibility:hidden}#serpvidans .b_topTitle{margin-bottom:8px}.mc_vtvc
_htc{width:100%;height:100%;position:absolute;top:0;bottom:0;left:0;right:0}.mc_vt
vc_htb{width:100%;height:100%;background:rgba(0,0,0,.7);position:absolute;top:0;b
ottom:0;left:0;right:0}.mc_vtvc_ht{width:100%;padding:0 16px;line-height:16px;colo
r:#fff;text-decoration:underline;word-break:break-word;box-sizing:border-box;vertical
-align:middle;text-align:center}.mc-vtvc_th_live_b{background-
color:#c80000;color:#fff;display:inline-block;padding:2px 8px;font:11px/14px Arial;b
order-radius:2px;text-transform:uppercase;height:15px;width:26px;position:absolute;
left:8px;top:110px}.isvctrl.isv .mc_vtvc_ban_up{left:0;right:initial}.mc_vtvc_ban_lo,.
mc_vtvc_ban_up{right:0}.vt_text.b_lRight .b_lLeft{margin:0 0 0 1px;height:14px;line-
height:14px;padding:2px 8px;background:rgba(0,0,0,.75);border-radius:2px;font-weig
ht:bold}.mc_vthtb{width:100%;height:100%;background:rgba(0,0,0,.7);position:absol
ute;top:0;bottom:0;left:0;right:0;display:table}.mc_vtht{width:100%;padding:0 16px;l
ine-height:16px;color:#fff;text-decoration:underline;word-break:break-word;box-sizin
g:border-box;vertical-align:middle;text-align:center;display:table-
cell}.vt_text.b_lRight .b_lLeft{margin:0 0 0 1px;height:14px;line-
height:14px;padding:2px 8px;background:rgba(0,0,0,.75);border-radius:2px;font-weig
ht:bold}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{
top:0}.mc_vtvc_center_play{width:32px;height:32px;background-size:contain;positio
n:absolute;margin:auto;bottom:0;top:0;left:0;right:0;box-shadow:none;border-radius:
0}.mc_vtvc_center_play.rmvbg{width:32px;height:32px;background-
image:none}.mc_vtvc_htb,.mc_vtvc_ht{display:none}.vt_onhv
.mc_vtvc_htb{display:table}.vt_onhv .mc_vtvc_ht{display:table-
cell}.mc_vtvc_center_play{display:inline-block}.vt_onhv
.mc_vtvc_center_play{display:none}.mc_vtvc .vtmu,.mc_vtvc
.vtpl{bottom:163px}.vsarf .mc_vtvc .vtmu,.vsarf .mc_vtvc .vtpl{bottom:122px}.svarh
#mmcar .mc_vtvc .vtmu,.svarh #mmcar .mc_vtvc .vtpl{bottom:137px}.svarht
#mmcar .mc_vtvc .vtmu,.svarht #mmcar .mc_vtvc .vtpl{top:8px;left:8px}.mc_vtvc_c
enter_play{background-image:url(data:image/svg+xml,%3Csvg%20width%3D%2232
%22%20height%3D%2232%22%20viewBox%3D%220%200%2032%2032%22%20fill
%3D%22none%22%20xmlns%3D%22http%3A%2F%2F%2F2000%2Fsvg%22%3E%0D
%0A%20%20%20%20%3Crect%20width%3D%2232%22%20height%3D%2232%22%
20rx%3D%2216%22%20fill%3D%22black%22%20fill-opacity%3D%220.6%22%2F%3
E%0D%0A%20%20%20%20%3Cpath%20d%3D%22M14.2354%2010.1923C13.2355%
209.62986%2012%2010.3524%2012%2011.4997V20.5C12%2021.6472%2013.2355
%2022.3698%2014.2354%2021.8073L22.2356%2017.3073C23.2551%2016.7339%2
023.2551%2015.2661%2022.2357%2014.6926L14.2354%2010.1923Z%22%20fill%3
D%22white%22%20fill-
opacity%3D%220.9%22%2F%3E%0D%0A%3C%2Fsvg%3E)}}.mmlist
.mc_vtvc{margin:10px 1px 0}.mmlist .mc_vtvc_con_rc{display:flex}.cardless .mmlist
.mc_vtvc_con_rc{height:112px}.mmlist .mc_vtvc .mc_vtvc_meta{display:flex;flex-
direction:column;justify-content:space-between;margin:0 10px 4px
12px;padding:0}.mmlist .mc_vtvc_title{font-weight:400;font-size:16px;height:44px;li

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ne-height:22px;margin-bottom:0;margin-top:0;color:unset}.mmlist
.mc_vtvc_meta_row{font-size:13px}.mmlist .mc_vtvc
.mc_vtvc_meta_block_area{height:unset}.mmlist .mc_vtvc .vtmu,.mmlist .mc_vtvc
.vtpl{bottom:8px}.cardless .mmlist .mc_vtvc{box-shadow:none}.cardless.mmlist
.mc_vtvc_center_play{width:32px;height:32px}.cardless.mmlist .mc_vtvc_title{font-
size:16px;color:unset}.cardless.mmlist .mc_vtvc_meta_row{line-
height:20px}.cardless.mmlist .mc_vtvc_meta_pubdate{padding-
bottom:2px;color:#666}.cardless.mmlist .mc_vtvc_th,.cardless.mmlist .mc_vtvc_th
.cico,.cardless.mmlist .mc_vtvc_th div.rms_img{border-radius:6px}.cardless.mmlist
.mc_vtvc_th{height:111px}.cardless.mmlist .mc_vtvc_htc{border-radius:6px;overflow
:hidden}#serpvidans.vasac.cardless{box-shadow:none}.cardless.mmlist
.mc_bc{padding:2px 8px;line-height:14px;border-radius:2px;font-
weight:normal}.mmlist .mc_vtvc: hover .mc_vtvc_title{text-decoration:underline}.mc_
vtvc_meta{box-sizing:border-box;display:inline-block;line-height:18px;position:relativ
e;width:100%}.mc_vtvc_meta_block{bottom:0;position:absolute;width:100%}.mc_vtvc
c_meta_row{line-height:16px;font-size:11px;height:17px;overflow:hidden;text-
overflow:ellipsis;white-space:nowrap}.mc_vtvc_meta_row a{display:inline-
block}.mc_vtvc_meta_row a: hover{text-decoration:underline}.mc_vtvc_meta_block_a
rea{position:relative}.mc_vtvc_meta_block,.mc_vtvc_meta_block
a{color:#444}.b_dark .mc_vtvc_meta_block{color:#edebe9}.mc_vtvc_meta_row>:nt
h-of-type(n+2)::before{content:" · "}.mc_vtvc_meta_row
.mc_vtvc_meta_row_channel::before{content:" > "}.mc_vtvc_kmt_title{line-height:18px;
padding-bottom:4px;font-weight:bold;color:#00809d;text-transform:uppercase;font-
size:11px}.mc_vtvc_kmt,.mc_vtvc_con_rc.onhov .wkmt
.mc_vtvc_meta_row,.mc_vtvc_con_rc.onhov .wkmt
.tibc_tt{display:none}.mc_vtvc_con_rc.onhov .wkmt .mc_vtvc_title{max-
height:18px;margin-bottom:18px;overflow:hidden}.mc_vtvc_con_rc.onhov.mmsts
.mc_vtvc_title{visibility:hidden}.mc_vtvc_con_rc.onhov
.mc_vtvc_kmt{display:block}.mc_vtvc_kmt_content .b_factrow{line-height:17px;font-
size:11px;max-height:34px;overflow:hidden;text-overflow:ellipsis;padding:0 16px 0
0;color:#444}.mc_vtvc_meta .mc_vtvc_kmt_title{line-height:18px}.mc_vtvc_title:hov
er{text-decoration:none}.mc_vtvc_meta_pubdate{color:#444;padding-bottom:3px}.
mc_vtvc_meta_channel{color:#444}.mc_vtvc_meta_w,.mc_vplvc_meta_w{position:re
lative}.mc_vtvc_meta_bg_w,.mc_vplvc_meta_bg_w{height:100%;width:100%;overflo
w:hidden;position:absolute;top:0}.mc_vtvc_meta_bg_w .cico,.mc_vplvc_meta_bg_w
.cico{border-radius:0;overflow:visible}.dg_u .mm_vidch_th_c{overflow:visible}.dg_u
.mm_vidch_th_bg img{margin-
top:-20px}.emptyStyleForDebuggingPurpose{top:0}.mc_vtvc_meta_w
.mc_vtvc_meta{background:rgba(255,255,255,.75)}.mc_vtvc_meta_bg_w
img,.mc_vtvc_meta_bg_w .mc_vtvc_cb_w{filter:blur(25px);transform:scale(1.2)}body
{--video-metadata-channel-color:#3c3c3c}body.b_dark{--video-metadata-channel-
color:unset}.vsarf .mc_vtvc_meta_pubdate{color:unset}.vsarf
.mc_vtvc_meta_channel{color:var(--video-metadata-channel-color)}.vsarf .mc_vtvc
.mc_vtvc_meta_w .mc_vtvc_title,.vsarf .mc_vtvc .mc_vtvc_meta_w .mc_vtvc_title
strong{font-weight:bold}.vsarf .mc_vtvc_meta_w .mc_vtvc_meta_row{font-
size:13px}.emptyStyleForDebuggingPurpose{top:0}.vsarf .mc_vtvc_th .cico{height:1
32px}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{to

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p:0}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{top:
0}.emptyStyleForDebuggingPurpose{top:0}.emptyStyleForDebuggingPurpose{top:0
}.emptyStyleForDebuggingPurpose{top:0}.vtbc .mv_vtvc_play{display:inline-block;p
osition:absolute;bottom:8px;left:9px;height:8px;width:7px;background:url(data:imag
e/png;base64,iVBORw0KGgoAAAANSUHEUgAAAcAAAAIBAMAAADHKvg1AAAAIVBMVE
X////////////////////////9/gMdvAAACnRSTIMAETNEVWalmbvuo4D1oAAAAB9JR
EFUCB1jmMoABKuaQcSqQhCxKgFGgLnNQIkpQAwA8zkLyQAI6F0AAAAASUVORK5CYII=
)}.vtbc .mv_vtvc_play_ext{background:url(/rp/Lp38sn_O4jegSK0IHxZVxyp-yKQ.png)
-172px -31px;display:inline-
block;height:8px;width:12px;position:absolute;bottom:8px;left:6px}.vtbc .pivot{heigh
t:20px;width:8px;min-width:8px}.mc_bc_w{height:18px;padding:8px;text-
align:right}.mc_bc{background-color:rgba(0,0,0,.75);padding:2px 8px;line-height:14p
x;color:#fff;display:inline-block;vertical-align:middle;border-radius:2px;font-
weight:bold}.mc_bc_w .pivot{text-align:center;margin-right:1px;height:14px}.vsarr
.mmgrid .mc_bc_w .mc_bc{background-color:rgba(0,0,0,.75);opacity:1}.mmsi{height
:16px;width:16px;position:relative;top:5px;padding-right:var(--smtc-gap-between-con
tent-xx-small)}.mmsi-microsoftnews,.mmsi-msn{top:3px}.vrhdata{display:none}.m
mgrid>div{width:197px;display:inline-block;margin-right:8px;margin-bottom:8px;box-
shadow:0 0 0 1px rgba(0,0,0,.05);position:relative;vertical-
align:top;overflow:hidden;white-space:normal;border-radius:6px}.vsarr
.mmgrid>div,.vsarr1stbig .mmgrid>div{margin-right:8px;margin-
bottom:8px}#serpvidansrr .mc_vtvc .mc_vtvc_meta{height:auto}#serpvidansrr
.mc_vtvc .mc_vtvc_title{display:-webkit-box;-webkit-line-clamp:2;-webkit-box-
orient:vertical}.mmgrid .mc_tc{border:0}.vsa .mmgrid>div:nth-child(3n){margin-
right:0}.vsa .b_moreLink{padding-top:4px}#serpvidansrr .mc_vtvc_meta_row{line-
height:18px;font-size:100%;height:17px}.vsarr .mmgrid>div:nth-child(2n){margin-
right:0}#serpvidansrr .mc_vtvc .vtmu,#serpvidansrr .mc_vtvc
.vtpl{bottom:128px}.vsarr1stbig .mmgrid>div:nth-child(2){margin-
right:0}#serpvidansrr.uipolish .mc_vtvc_meta_pubdate,#serpvidansrr.uipolish
.mc_vtvc_meta_channel,#serpvidansrr.uipolish #vidans2 .b_videocard
.video_metadata .video_source{color:#767676}#serpvidansrr #vidans2 .b_videocard
.video_metadata_container,#serpvidansrr #vidans2 .b_videocard
.video_metadata_container .video_metadata>h3{width:100%}@media(max-
width:1362.9px){#serpvidansrr
.mmgrid>div{width:168px;height:206px}#serpvidansrr .mmgrid>div
.cico,#serpvidansrr .mmgrid>div .cico
.rms_img{width:168px;height:100px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta{padding:12px}#serpvidansrr .mc_vtvc
.mc_vtvc_title{height:32px;line-height:16px;margin-bottom:16px}#serpvidansrr
.mc_vtvc .mc_vtvc_meta_block_area{height:34px}#serpvidansrr
.mc_vtvc_meta_row{line-height:15px;font-size:13px;height:15px}#serpvidansrr
.mc_vtvc_meta_pubdate{padding-bottom:4px}#serpvidansrr .mc_vtvc
.vtmu,#serpvidansrr .mc_vtvc .vtpl{bottom:114px}#serpvidansrr #vidans2
.b_videocard .videoPlayer,#serpvidansrr #vidans2 .b_videocard .videoPlayer
.cico,#serpvidansrr #vidans2 .b_videocard .videoPlayer .cico .rms_img{width:343px!i
mportant;height:194px!important;margin-right:0}!important}@media(max-
width:1274.9px){#serpvidansrr

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.mmgrid>div{width:124px;height:164px}#serpvidansrr .mmgrid>div
.cico,#serpvidansrr .mmgrid>div .cico
.rms_img{width:124px;height:76px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta{padding:8px}#serpvidansrr .mc_vtvc .mc_vtvc_title{height:32px;line-
height:16px;margin-bottom:12px}#serpvidansrr .mc_vtvc
.mc_vtvc_meta_block_area{height:28px}#serpvidansrr .mc_vtvc_meta_row{line-
height:13px;font-size:11px;height:13px}#serpvidansrr
.mc_vtvc_meta_pubdate{padding-bottom:2px}#serpvidansrr .mc_vtvc
.vtmu,#serpvidansrr .mc_vtvc .vtpl{bottom:96px}#serpvidansrr #vidans2
.b_videocard .videoPlayer,#serpvidansrr #vidans2 .b_videocard .videoPlayer
.cico,#serpvidansrr #vidans2 .b_videocard .videoPlayer .cico .rms_img{width:256px!i
mportant;height:144px!important;margin-right:0}#serpvidansrr .maskthumb
.mc_bc_w{padding:8px 4px 4px 8px}#serpvidansrr.withsplitline .mmgrid>div:nth-
last-child(1),#serpvidansrr.withsplitline .mmgrid>div:nth-last-child(2){margin-
bottom:24px}#serpvidansrr.withsplitline .mmgrid{border-bottom:1px solid
#ecec; margin-bottom:16px}#serpvidansrr #vidans2 .b_videocard
.video_metadata{max-width:auto;padding:12px 16px}#serpvidansrr #vidans2
.b_videocard{margin-bottom:12px;box-shadow:0 0 1px rgba(0,0,0,.05),0 2px 3px
rgba(0,0,0,.1);border-radius:6px}#serpvidansrr .b_rich{padding-top:0}#serpvidansrr
#vidans2 .videoPlayer{border-radius:6px 6px 0 0;overflow:hidden}#serpvidansrr
#vidans2 .b_videocard .video_metadata>h3{white-space:nowrap;overflow:hidden;te
xt-overflow:ellipsis;-webkit-line-clamp:1;line-height:15px;height:15px;font-size:13px;c
olor:#000;margin-bottom:20px;font-family:var(--bing-smtc-text-style-default-regular-
font-family);font-style:normal;display:block}#serpvidansrr.vsarr1stbig #vidans2
.b_videocard .video_metadata .actionmenu{display:none}#serpvidansrr #vidans2
.b_videocard .video_summary,#serpvidansrr #vidans2 .b_videocard
.video_source{line-height:15px}#serpvidansrr #vidans2 .b_videocard .videoPlayer
.vtbc{right:0}.vrhc line.nhvpv .pffvi,.vrhc line.nhvpv[data-tps="S"] .pffvt,.vrhc
line.nhvpv[data-tps="M"] .pffvt,.vrhc line.nhvpv[data-tps="L"] .pffvt{display:inline-
flex}.vrhc line.nhvpv .vrhrc.pffv .vrhol{display:none}.vrhc line.nhvpv .vrhrc.pffv .play
er_ol{background:var(--mai-smtc-background-ctrl-on-image-
hover);transition:background-color .5s;display:flex;align-items:center;justify-content:c
enter;padding:var(--smtc-gap-between-content-x-small);gap:var(--smtc-gap-between-
content-x-small);box-sizing:border-box}.mc_vtvc_th img{transition:all var(--smtc-
duration-medium-01) var(--bing-smtc-animation-ease-default)}.nhvpv+.mc_vtvc_th i
mg{transform:scale(1.1)}.smtplayerhtml5{height:100%;width:100%;overflow:hidden
}.smtplayerhtml5 video{min-height:100%;min-width:100%}.smtplayerhtml5 .videopl
aying{background-color:#000}.smtplayerhtml5.hide{display:none}.pffvt{display:no
ne;color:var(--mai-smtc-foreground-ctrl-on-image-rest);font:var(--bing-smtc-text-
global-subtitle2-strong)}.pffvi{mask:url(/rp/ui07wU6K7FR_inzG7DRbP1i8fGo.svg)
center no-repeat;mask-size:12px;background:var(--bing-smtc-background-card-on-im
age-default);width:20px;height:20px;flex-shrink:0;align-self:flex-start}[data-tps="L"]
.pffvt{font:var(--bing-smtc-text-global-subtitle2-strong)}[data-tps="L"]
.pffvi{width:22px;height:22px;mask-size:16px}[data-tps="S"] .pffvt{font-
size:0}[data-tps="S"] .pffvi{width:24px;height:24px;mask-size:24px;align-
self:center}.hvpv.h5s .pffvt{display:inline-flex}.hvpv.h5s .vrhrc.pffv
.vrhol{display:none}.hvpv.h5s .vrhrc.pffv .player_ol{background:var(--mai-smtc-

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background-ctrl-on-image-hover);transition:background-color .5s;display:flex;align-items:center;justify-content:center;padding:var(--smtc-gap-between-content-x-small);gap:var(--smtc-gap-between-content-x-small);box-sizing:border-box}.pffvt{text-decoration:underline}.vrhcp .vrhol{position:absolute;width:100%;height:35px;max-height:35px;bottom:0;left:0;padding:0;background:none;display:block;z-index:9}.vrhcp .vrhol.hide,.vrhcp .vrhol .hide{display:none}.vrhot{white-space:nowrap;text-overflow:ellipsis;overflow:hidden;display:inline-block;position:absolute;max-width:240px;height:18px;line-height:14px;margin-left:8px;top:10px;left:0;right:0;border-radius:2px;padding-right:8px}.vrhot div{display:inline-block}.vrhot nt{color:#fff;font-size:11px;font-weight:bold;background-color:rgba(0,0,0,.75);padding:2px 8px;margin-left:0;top:0;box-sizing:border-box;position:relative}.vrhc .ricons{position:absolute;right:8px;top:10px;left:auto;bottom:auto;height:18px;display:inline-block;cursor:pointer}.vrhol.icons_1 .vrhot{margin-right:27px}.vrhol.icons_2 .vrhot{margin-right:49px}.vrhol.icons_3 .vrhot{margin-right:79px}.vrhol .vrhot nt,.vsb_tr_chd .vrhol.icons_1 .vrhot{margin-right:0}.vpb{position:absolute;display:block;bottom:0;left:0;height:4px}.vpb div{position:absolute}.vpb nt{width:0;background:#fff}.vpb nt.test{display:none}.vpb.back{background-color:#999}.vrhcp .vrhol.npb{height:36px;max-height:36px}.vrhol .vadda{width:22px;height:18px;padding:0;margin-right:0;margin-left:2px;bottom:0;position:relative;display:inline-block;z-index:1;background:rgba(0,0,0,.75);border-radius:2px;overflow:hidden}.vrhol .vadda.hide{display:none}.vrhol .vadda .mc_vfaa{margin:3px 5px}.ricons .vol{float:left}.ricons .adultFlag{float:right}.vol{width:22px;height:18px;bottom:0;margin-left:1px;margin-right:1px;position:relative;display:inline-block}.vol.hide,.vol .hide{display:none}.vol .bg{background:rgba(0,0,0,.75);border-radius:2px}.vol.bg,.vol nt{position:absolute;bottom:0}.vol .vol.bg.volnb{border-radius:0 0 2px 2px}.vol .volsliderHandle.bg{border-radius:2px 2px 0 0}.vol nt .volsliderHandle{height:70px;display:none;width:22px;float:left;bottom:18px;position:absolute;display:block}.vol nt .volsliderHandle.hide{display:none}.volsliderHandle .vsb{height:54px;width:4px;background-color:#999;margin:9px auto 8px;position:relative;display:block;border-radius:2px}.volsliderHandle .vsh{height:6px;width:14px;padding:9px 7px 9px 7px;margin:0 -12px;display:block;position:absolute;top:30px}.volsliderHandle .vsh.hide{display:none}.volsliderHandle .vshi{height:4px;width:14px;background-color:#fff;border-radius:2px}.volMutelcon{width:16px;height:14px;margin:2px 4px;float:left}.volMuteHandle{width:22px;height:18px}.vo{background:url(/rp/fFZxBXEIP9WYOO0jhTaElyLhEVU.svg) no-repeat}.vm{background:url(/rp/fsX-ZVd03wB2TL0vmQjxSp4U9vs.svg) no-repeat}.vl{background:url(/rp/YXYMPC1Rry_XJGc7Yg8IR4B2eEs.svg) no-repeat}.vf{background:url(/rp/NosrIR4amKTs1zYxWy3laZN3HRk.svg) no-repeat}@media(forced-colors:active){.vol{forced-color-adjust:none}}.vrhc line .vt_vp,.vrhc.popout .vt_vp,.vrhc.mousefollow .vt_vp{position:absolute;bottom:0;border:1px solid #ccc;border-radius:2px;position:relative;padding:0;top:0;left:0;z-index:3}.vrhtc .hide{display:none}.vrh_clc .vt_vp,.vrh_clc .vrhtc .vrhi,.vrh_clc .player_ol{cursor:pointer}.vrh_clc .cico{border-radius:0}.vrhtc{border:1px solid #ccc;position:relative;padding:0}.vrhc.mousefollow .vrhtc,.vrhc.popout .vrhtc{background-color:#999}.vrhtpc.load .player_ol{background:url(/rp/J_o2maogFDeUOsovPJL-ofEuxJ4.gif) center center no-

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repeat}.vrhc line .vrhtc .vrhi,.vrhc.popout .vrhtc .vrhi,.vrhc.mousefollow .vrhtc .vrhi{p
osition:absolute!important;border:hidden;z-index:2;padding:0;left:0;top:0}.player_ol{
position:absolute;width:100%;height:100%;bottom:0;border:hidden;z-
index:7}.vrhc.popout,.vrhc line,.vrhc.mousefollow{border-radius:6px;overflow:hidden
;display:table-row-group;background:none}.vrhc.popout,.vrhc.mousefollow{z-
index:4;box-shadow:0 4px 4px rgba(0,0,0,.1),0 2px 80px rgba(0,0,0,.2)}.vrhc line{z-
index:1;margin:0}.vrhc.popout,.vrhc
line{position:absolute;top:0}.vrhc.popout{border:1px solid #fff}.vrhc.mousefollow{p
osition:fixed}.vrhcp{position:relative;top:0;left:0;display:table-row}.vrhcp
.vrhtc{position:relative;overflow:hidden}.vrhc.hide{display:none}@keyframes
vh_fadein{from{opacity:0}to{opacity:1}}.vrhc:not(.hide){animation:vh_fadein
250ms}.vrhc line img{color:transparent}.vrhc line.fullsize{height:100%}.vrhc,.vrhc:h
over,.vrhc:link,.vrhc:active,.vrhc:visited{color:#000;text-decoration:none}.vrhc.vrh_c
lc{cursor:pointer}a.hover-anchor{display:block;height:100%;width:100%;text-
decoration:none}.vrhstat{height:0;overflow:hidden}
```

Contact Us

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