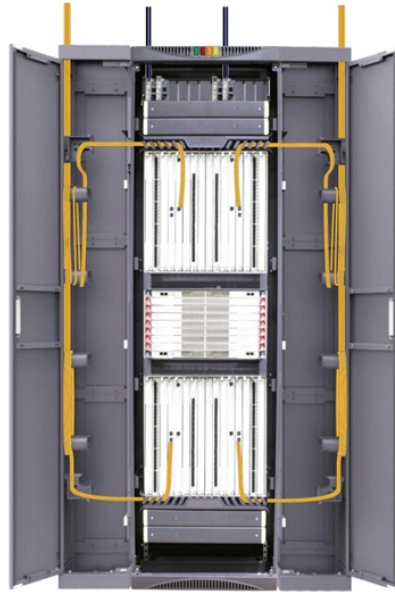


## How to handle pigtail fibers



### Overview

If you're new to fiber optics or want to enhance your technical skills, this guide will help you understand how to splice fiber pigtails safely and efficiently. --- □□ In This Video You'll Learn: □ What fiber pigtails are and why they're used □ How to strip, clean, and. Executive Summary: A fiber optic pigtail is one of the most commonly specified yet least understood components in structured cabling. Get the wrong connector type, the wrong polish, or skip proper fusion splicing technique—and you're looking at elevated signal loss, increased back reflection, and a. Field-terminating connectors is a meticulous, high-pressure process where even a tiny mistake can force you to cut the fiber and start all over again. This is exactly why most professional installers have moved away from field-termination and toward splicing. One essential component often used in these projects is the fiber pigtail, a pre-terminated fiber optic cable that simplifies installation and ensures optimal signal transmission.

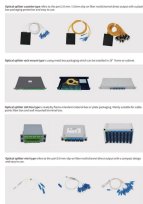
## How to handle pigtail fibers



Fiber optic pigtail offers an optimal way to joint optical fiber, which is used in 99% of single-mode applications. This post contains some basic knowledge of fiber optic pigtail, including ...



Master the art of fiber termination. Learn how to splice fiber optic pigtails using fusion splicing, follow the color code, and ensure low insertion loss.



These small but critical components play a major role in ensuring reliable, high-speed data transmission across fiber networks. In this guide, we'll break down what fiber optic pigtails are, how they work, ...



Version: An Ultimate Guide for Selection of Fiber Optic Cables and Connectors: This guide helps users choose the best fiber optic cables and connectors for their needs, which is ...



They provide a reliable and efficient way to terminate optical fibers and enable seamless connectivity. In this article, we will explore what fiber optic pigtails are, their key features, and discuss ...



In this detailed video, we'll walk you through the fiber optic pigtail splicing process — from preparation to final testing.



Fiber optic pigtails are crucial in facilitating the termination of fiber optic cables, with their usage being a commonplace in optical fiber management systems, distribution boxes, and fiber ...



Handle Fiber Pigtails with Care: Fiber optic cables are delicate and can be damaged easily if not handled properly. Avoid excessive bending or pulling of the cables, as this can cause ...



This post will cover fundamental information about fiber optic pigtails, encompassing various pigtail connector types, classifications, and fiber pigtail splicing techniques.



Confused about fiber optic pigtails—which connector type, which polish, fusion or mechanical splice? Our guide covers LC vs SC, APC vs UPC, splicing methods, and real-world use ...

Fiber Pigtail Specification  
 Fiber Pigtail vs Fiber Patch Cord: What Is The difference?  
 Fiber Optic Pigtail Types  
 By Fiber Type  
 By Connector Type  
 By Application Environment  
 By Fiber Count  
 Fiber Optic Pigtail Splicing: Easy and Fast  
 Fiber Termination

The quality of fiber pigtail is typically high because the connectorized end is attached in the factory, making it more accurately than a field-terminated cables. It can be attached to optical fibers by fusion or mechanical splicing. Given the access to a fusion splicer, you can splice the pigtail right onto the cable in a minute or less, which gre... See more on mefiberoptic

```

ol#b_results li.b_ad,ol#b_topw.b_results_emi
li.b_ad,ol#b_topw li.b_ad{background-color:transparent;border-right:0;border-bottom:1px solid #ebeb;margin-bottom:1px;padding-right:0;padding-bottom:5px}ol#b_results li.b_adBottom,ol#b_topw.b_results_emi
li.b_adBottom{border-top:1px solid #ebeb;border-bottom:0;padding-bottom:0}ol#b_context li.b_ad,ol#b_rrat_cont li.b_ad{background-color:transparent}.sb_add cite{text-transform:lowercase}#b_results .b_ad .sb_adTA .b_caption,#b_topw.b_results_emi .b_ad .sb_adTA .b_caption,#b_results .b_ad .sb_adTA .b_vlist2col li,#b_topw.b_results_emi .b_ad .sb_adTA .b_vlist2col li,#b_results .b_ad .sb_adTA .b_factrow,#b_topw.b_results_emi .b_ad .sb_adTA .b_factrow,#b_results .b_ad .sb_adTA .b_bcfactrow,#b_topw.b_results_emi .b_ad .sb_adTA .b_bcfactrow,#b_topw .b_ad .sb_adTA .b_caption,#b_topw .b_ad .sb_adTA .b_vlist2col li,#b_topw .b_ad .sb_adTA .b_factrow,#b_topw .b_ad .sb_adTA .b_bcfactrow{padding-bottom:var(--smtc-gap-between-content-xx-small)}#b_results .b_ad .sb_adTA .b_vlist2col,#b_topw.b_results_emi .b_ad .sb_adTA .b_vlist2col,#b_results .b_ad .sb_adTA .b_factrow,#b_topw.b_results_emi .b_ad .sb_adTA .b_factrow,#b_results .b_ad .sb_adTA .b_bcfactrow,#b_topw.b_results_emi .b_ad .sb_adTA .b_bcfactrow,#b_results .b_ad .sb_adig,#b_topw.b_results_emi .b_ad .sb_adig,#b_topw .b_ad .sb_adTA .b_vlist2col,#b_topw .b_ad .sb_adTA .b_factrow,#b_topw .b_ad .sb_adTA .b_bcfactrow,#b_topw .b_ad .sb_adig{margin-top:0}#b_results .b_ad h3.b_adlabel,#b_topw.b_results_emi .b_ad h3.b_adlabel,#b_topw .b_ad h3.b_adlabel{margin-bottom:var(--smtc-gap-between-content-xx-small)}.b_ad .pa_mlo~.sb_adt{margin-bottom:-6px}.b_ad_description{font:var(--bing-smtc-text-global-body3);color:var(--bing-ads-smtc-desktop-foreground-snippet-default)}#b_content #b_results li.b_ad.b_adMiddle{margin-top:0;margin-bottom:16px}.b_ad .b_floatR_img{padding-left:var(--mai-smtc-padding-card-nested-default)}#b_results .sb_add h2:hover a,#b_topw.b_results_emi .sb_add h2:hover a{text-decoration:underline}#b_results .sb_add h2:hover,#b_topw.b_results_emi .sb_add h2:hover{cursor:pointer}.b_ad li.b_adLastChild{margin-bottom:0}#b_results>li.b_ad{background-color:#fcfaf9}
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```

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dth:312px}.acf_col4{width:424px}.acf_col5{width:536px}.acf_col6{width:648px}.ac

```

```

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.acfdefaultchev.btn.prev{left:0!important}.b_overlay .acfdefaultchev.btn:hover
.bg{opacity:unset;filter:unset}.b_overlay .acfdefaultchev.btn.disabled,.b_overlay
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.pa_item.pa_vCard .pa_caption,#b_content .pa_carousel_mlo .pa_item.pa_vCard
.b_finalText,#b_content .pa_carousel .pa_item.pa_vCard .pa_title,#b_content
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--bing-smtc-text-global-body3);color:var(--smtc-ctrl-link-foreground-brand-
rest)}#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption,#b_content
.pa_carousel .pa_item.pa_vCard .pa_caption,#b_content .pa_grid .pa_item.pa_vCard .
pa_caption{margin-top:var(--smtc-gap-between-content-x-small);padding-bottom:var
(--smtc-gap-between-content-x-small);font:var(--bing-smtc-text-global-
caption1)!important}#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption
.pa_price,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.pa_price,#b_content .pa_grid .pa_item.pa_vCard .pa_caption .pa_price{margin-

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bottom:var(--smtc-gap-between-content-xx-small)}#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_caption .pa_price .prc_clr_grn,#b_content .pa_carousel
.pa_item.pa_vCard .pa_caption .pa_price .prc_clr_grn,#b_context .pa_grid
.pa_item.pa_vCard .pa_caption .pa_price .prc_clr_grn{color:var(--smtc-status-success-
tint-foreground)}#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption
.pa_price strong,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption .pa_price
strong,#b_context .pa_grid .pa_item.pa_vCard .pa_caption .pa_price
strong{color:var(--smtc-foreground-content-neutral-primary)}#b_content
.pa_carousel_mlo .pa_item.pa_vCard .pa_caption .pa_price .original_price,#b_content
.pa_carousel .pa_item.pa_vCard .pa_caption .pa_price .original_price,#b_context
.pa_grid .pa_item.pa_vCard .pa_caption .pa_price .original_price{font:var(--bing-smtc-
text-global-caption1);padding-left:var(--smtc-gap-between-content-x-
small)}#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption
.pa_installmentDesc,#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption
.pa_unitprice,#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption
.vertical_converted_price,#b_content .pa_carousel_mlo .pa_item.pa_vCard
.pa_caption .pa_shippingcost,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.pa_installmentDesc,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.pa_unitprice,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.vertical_converted_price,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.pa_shippingcost,#b_context .pa_grid .pa_item.pa_vCard .pa_caption
.pa_installmentDesc,#b_context .pa_grid .pa_item.pa_vCard .pa_caption
.pa_unitprice,#b_context .pa_grid .pa_item.pa_vCard .pa_caption
.vertical_converted_price,#b_context .pa_grid .pa_item.pa_vCard .pa_caption .pa_ship
pingcost{font:var(--bing-smtc-text-global-caption1);margin-bottom:var(--smtc-gap-be
tween-content-xx-small);color:var(--bing-smtc-foreground-content-neutral-secondary-
alt)}#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption
.b_attribution,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption
.b_attribution,#b_context .pa_grid .pa_item.pa_vCard .pa_caption .b_attribution{marg
in-bottom:var(--smtc-gap-between-content-xx-small);color:var(--bing-smtc-foreground
-content-neutral-secondary-alt);border-bottom:0;font:var(--bing-smtc-text-global-
caption1)}#b_content .pa_carousel_mlo .pa_item.pa_vCard .pa_caption .b_attribution
cite,#b_content .pa_carousel .pa_item.pa_vCard .pa_caption .b_attribution
cite,#b_context .pa_grid .pa_item.pa_vCard .pa_caption .b_attribution cite{font:var(--
bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-content-neutral-
secondary-alt);opacity:unset}#b_content .pa_carousel_mlo .pa_item.pa_vCard
.pa_caption .b_secondaryText,#b_content .pa_carousel .pa_item.pa_vCard
.pa_caption .b_secondaryText,#b_context .pa_grid .pa_item.pa_vCard .pa_caption .b_
secondaryText{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-
foreground-content-neutral-secondary-alt)}#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_caption .b_secondaryText .pa_rebateText,#b_content
.pa_carousel .pa_item.pa_vCard .pa_caption .b_secondaryText
.pa_rebateText,#b_context .pa_grid .pa_item.pa_vCard .pa_caption .b_secondaryText
.pa_rebateText{font:var(--bing-smtc-text-global-caption1);color:var(--bing-smtc-
foreground-content-neutral-secondary-alt)}#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_caption .b_secondaryText .pa_promo a,#b_content
.pa_carousel .pa_item.pa_vCard .pa_caption .b_secondaryText .pa_promo

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a,#b_context .pa_grid .pa_item.pa_vCard .pa_caption .b_secondaryText .pa_promo
a{color:var(--smtc-ctrl-link-foreground-brand-rest)}#b_content .pa_carousel_mlo
.pa_item.pa_vCard .pa_caption .b_secondaryText .pa_rating a,#b_content
.pa_carousel .pa_item.pa_vCard .pa_caption .b_secondaryText .pa_rating
a,#b_context .pa_grid .pa_item.pa_vCard .pa_caption .b_secondaryText .pa_rating
a{color:var(--bing-smtc-foreground-content-neutral-secondary-alt)}#b_content
.pa_carousel_mlo .slide,#b_content .pa_carousel .slide,#b_context .pa_grid .pa_item{
border-radius:var(--mai-smtc-corner-card-
default)!important;overflow:hidden}#b_pole .pa_carousel_mlo{margin-
right:0}#b_content .pa_carousel_mlo .pa_item.pa_vCard,#b_content .pa_carousel
.pa_item.pa_vCard{margin-bottom:0!important}#b_content .pa_carousel_mlo
.pa_carousel .slide{margin:var(--smtc-gap-between-content-xx-small) 0}#b_content
.pa_carousel_mlo .pa_carousel{margin:calc(-1*var(--smtc-gap-between-content-xx-
small)) 0}#b_content .pa_carousel .slide{margin:calc(var(--smtc-gap-between-
content-xx-small) - var(--smtc-gap-between-content-xxx-small)) 0}#b_results
.pa_carousel_mlo .pa_carousel .b_slidebar .slide:first-child,#b_topw .pa_carousel_mlo
.pa_carousel .b_slidebar .slide:first-child{margin-left:var(--smtc-gap-between-content-
xxx-small)}.pa_item.pa_vCard{word-wrap:break-word;line-
height:20px;overflow:hidden}.pa_item.pa_vCard p strong,.pa_item.pa_vCard
.pa_price strong{color:#111}.pa_item.pa_vCard .pa_deal{text-decoration:line-
through}#b_content .pa_item.pa_vCard .b_attribution{font-size:14px;padding-
bottom:0;line-height:20px}#b_context .pa_item.pa_vCard p,#b_rrat_cont
.pa_item.pa_vCard p{line-height:20px}#b_content .pa_item.pa_vCard .pa_title{line-
height:20px;overflow:hidden}.pa_item.pa_vCard .b_footnote{line-
height:17px;padding-bottom:0}.pa_item.pa_vCard .pa_caption{padding-
bottom:8px}.pa_item.pa_vCard .pa_caption,.pa_item.pa_vCard .pa_title{padding-
left:4px;padding-right:4px}.pa_item.pa_vCard
.b_finalText{position:absolute;width:100%;box-sizing:border-box;left:0;padding:0 4px
0 4px;bottom:8px}.pa_item.pa_vCard .cico{display:block;padding-bottom:0;margin-
bottom:8px;margin-left:auto;margin-right:auto;border-radius:0}.pa_item.pa_vCard
.pa_img{position:relative}.pa_item.pa_vCard .pa_price:hover,.pa_item.pa_vCard
.b_attribution:hover,.pa_item.pa_vCard
.b_footnote:hover{cursor:pointer}.pa_carousel .slide{box-shadow:0 0 0 1px
rgba(0,0,0,.1)!important}.pa_carousel .slide.see_more{box-shadow:0 0 0 0
rgba(0,0,0,0)!important}.pa_caption .pa_price:hover strong,.pa_hover
.pa_hover_content .pa_price:hover strong{text-decoration:underline;text-decoration-
color:#111}.pa_caption .b_attribution:hover,.pa_hover .pa_hover_content .b_attributi
on:hover{text-decoration:underline}.pa_caption>.b_secondaryText:hover,.pa_hover .
pa_hover_content>.b_secondaryText:hover{color:#444}.b_ads1line{white-
space:nowrap;overflow:hidden;text-overflow:ellipsis;display:block}.pa_item
.b_attribution cite,#b_context .pa_item .b_attribution cite,.pa_hover .b_attribution
cite,.pa_item .b_footnote .pa_url cite,.pa_item .b_attribution cite,#b_rrat_cont
.pa_item .b_attribution cite,.pa_hover .b_attribution cite,.pa_item .b_footnote .pa_url
cite{color:#111;opacity:.8}#bpage.b_drk .pa_item .b_footnote .pa_url cite{color:#d2
d0ce}.pa_item.pa_vCard{cursor:pointer}@supports(-webkit-line-clamp:2){.b_adsTrun
Tx{display:-webkit-box;overflow:hidden;-webkit-box-orient:vertical;white-
space:normal;visibility:visible}.b_ellipsis{display:none}.b_adsTrunTx .b_hiddenTx{dis

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play:inline}}.b_hiddenTx{display:none}.pa_hover{background-color:var(--smtc-back
ground-web-page-primary);box-shadow:none;position:absolute;opacity:0;visibility:hid
den;word-wrap:break-word;cursor:pointer;overflow:hidden;z-index:4;pointer-
events:none}.pa_hover .pa_hover_content{padding-bottom:var(--smtc-gap-between-
content-x-small)}.pa_hover .pa_hover_title,.pa_hover .pa_price,.pa_hover
.b_attribution,.pa_hover .b_secondaryText,.pa_hover
.pa_additionTx,.pa_hover>div>.b_ads1line,.pa_hover .b_footnote,.pa_hover .pa_hover
_content>.pa_locInv{padding-left:var(--smtc-padding-ctrl-horizontal-default);padding-
right:var(--smtc-padding-ctrl-horizontal-default)}.pa_hover
.pa_hover_img{position:relative}.pa_hover .pa_hover_img img{display:block;margin-
left:auto;margin-right:auto}.pa_hover .pa_hover_title{font:var(--bing-smtc-text-global
-body3)!important;color:var(--smtc-ctrl-link-foreground-brand-rest);margin-
bottom:var(--smtc-gap-between-content-x-small)}.pa_hover
.pa_hover_title:hover{text-decoration:underline}.pa_hover .pa_price{margin-
bottom:var(--smtc-gap-between-content-xx-small)}.pa_hover .pa_price
.prc_clr_grn{color:var(--smtc-status-success-tint-foreground)}.pa_hover .pa_price stro
ng{color:var(--smtc-foreground-content-neutral-primary);font:var(--bing-smtc-text-
global-caption1-strong)}.pa_hover .pa_price .original_price{font:var(--bing-smtc-text-
global-caption1);padding-left:var(--smtc-gap-between-content-x-small)}.pa_hover
.pa_installmentDesc,.pa_hover .pa_unitprice,.pa_hover
.vertical_converted_price,.pa_hover .pa_shippingcost{font:var(--bing-smtc-text-global
-caption1);margin-bottom:var(--smtc-gap-between-content-xx-small);color:var(--bing-
smtc-foreground-content-neutral-secondary-alt);padding-bottom:0}.pa_hover .b_attri
bution{margin-bottom:var(--smtc-gap-between-content-xx-small);color:var(--bing-smt
c-foreground-content-neutral-secondary-alt);border-bottom:0;font:var(--bing-smtc-
text-global-caption1)}.pa_hover .b_attribution cite{font:var(--bing-smtc-text-global-ca
ption1);color:var(--bing-smtc-foreground-content-neutral-secondary-
alt);opacity:unset}.pa_hover .pa_bcSeparator{margin:var(--smtc-gap-between-
content-xx-small) 0;border-top:1px solid #ecec}.pa_hover .b_secondaryText{font:v
ar(--bing-smtc-text-global-caption1);color:var(--bing-smtc-foreground-content-neutral-
secondary-alt)}.pa_hover .b_secondaryText .pa_rebateText{font:var(--bing-smtc-text-
global-caption1);color:var(--bing-smtc-foreground-content-neutral-secondary-
alt)}.pa_hover .b_secondaryText .pa_promo a{color:var(--smtc-ctrl-link-foreground-
brand-rest)}.pa_hover .b_secondaryText .pa_rating a{color:var(--bing-smtc-
foreground-content-neutral-secondary-alt)}.pa_hover .b_secondaryText .b_colorBlend
{color:var(--bing-smtc-foreground-content-neutral-secondary-
alt)!important}.pa_hover .pa_additionTx,.pa_hover .pa_locInv{font:var(--bing-smtc-te
xt-global-caption1);color:var(--bing-smtc-foreground-content-neutral-secondary-alt)}a
.pa_hover_adLink:hover{text-decoration:none}.pa_hover:has(.pa_hover_content.pa_h
cgp){border-radius:var(--mai-smtc-corner-card-default)}.pa_hover.ad_scpah.pa_anim
ation{background-color:var(--smtc-background-card-on-primary-default-hover);box-s
hadow:var(--bing-smtc-shadows-card-hover-3);pointer-events:auto}.pa_item.pa_vCar
d>a:hover{text-decoration:none}.pa_hover:not(:has(.b_pa_hov_indicator_c))
.pa_hover_img img{margin-bottom:var(--smtc-gap-between-content-
small)}.pa_hover.ad_scpah.pa_animation{transition:height var(--smtc-duration-
medium-01) var(--bing-smtc-animation-ease-default),background-color var(--smtc-
duration-medium-01) var(--bing-smtc-animation-ease-default),box-shadow var(--smtc-

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duration-medium-01) var(--bing-smtc-animation-ease-default)}.pa_addToCart{font-
style:normal;font-weight:normal}.pa_addToCart
cite{color:#131aa4!important}.pa_addToCart .pa_addToCartIcon{float:left;padding-
right:1px;margin-bottom:0}.b_acf_crsI .carousel_seemore .rtl .b_seemore_chev
svg{transform:scaleX(-1)}.b_acf_crsI .carousel_seemore{display:flex;align-
items:center;justify-content:center;width:64px}.b_acf_crsI .carousel_seemore
.b_moreLink{display:flex;padding:var(--bing-smtc-padding-ctrl-icon-only-text-top)
var(--bing-smtc-padding-ctrl-text-side-large) var(--bing-smtc-padding-ctrl-icon-only-
text-bottom) var(--bing-smtc-padding-ctrl-text-side-large);flex-direction:column;align-i
tems:center;gap:var(--smtc-gap-inside-ctrl-to-secondary-icon);text-
decoration:none}.b_acf_crsI .carousel_seemore .b_moreLink .b_seemore_chev{displa
y:flex;width:40px;height:40px;justify-content:center;align-items:center}.b_acf_crsI
.carousel_seemore .b_moreLink .b_seemore_chev svg{fill:var(--smtc-foreground-ctrl-
on-transparent-rest);font-weight:bold;transition:transform var(--smtc-duration-
medium-01) var(--bing-smtc-animation-ease-default)}.b_acf_crsI .carousel_seemore
.b_moreLink .b_call_txt{color:var(--smtc-foreground-ctrl-on-transparent-
rest);font:var(--bing-smtc-text-global-caption1-strong)}.b_acf_crsI .carousel_seemore
.b_moreLink:hover .b_seemore_chev{border-radius:var(--smtc-corner-ctrl-
hover);background:var(--bing-smtc-background-ctrl-ghost-hover)}.b_acf_crsI
.carousel_seemore .b_moreLink:hover .b_seemore_chev
svg{width:20px;height:20px}.b_acf_crsI .carousel_seemore .b_moreLink:active .b_see
more_chev{border-radius:var(--smtc-corner-ctrl-pressed);background:var(--bing-smtc-
background-ctrl-ghost-pressed)}.b_acf_crsI .carousel_seemore .b_moreLink:active
.b_seemore_chev svg{width:12px;height:12px}#slideexp0_18C526 .slide:last-child {
margin-inline-end: 0; } #slideexp0_18C526 .slide>*:last-child { margin-bottom: unset;
!important; } .b_acf_crsI #slideexp0_18C526c .b_slidebar .slide { box-shadow: unset;
-webkit-box-shadow: unset; } .b_acf_crsI.hovexp #slideexp0_18C526c.b_slideexp
.b_overlay .b_slidesContainer { overflow: visible !important; } .b_acf_crsI.hovexp
#slideexp0_18C526c.b_slideexp .b_overlay .b_viewport, .b_acf_crsI.hovexp
#slideexp0_18C526c.b_slideexp .b_viewport { padding-top: 12px !important; margin-
top: -12px !important; padding-bottom: 12px !important; margin-bottom: -12px
!important; } .b_acf_crsI.hovexp #slideexp0_18C526c.b_slideexp .b_overlay
.b_viewport { padding-bottom: 24px !important; margin-bottom: -24px !important;
}Sponsored

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## Contact Us

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