

# MTSA6BGB12BAAI



## HELIAX® Modular Hybrid Cable Assembly, CPR Cca s1a, d0, a1, 6 cores 10mm2, 12fibers Singlemode IP16 to DLC

HELIAX® Modular Hybrid Trunks Cable Assembly, 6 power conductors 10mm2 Brown/Blue OEC GEN to Blunt Cut, 12 single mode fibers, End1: IP16SN 5.4mm for Airbox, breakout 1meter; End2: Uniboot DLC 3.0mm, breakout 5meters; CPR Cca s1a, d0, a1

### Product Classification

<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Hybrid cable, fiber and power
<b>Product Brand</b>	HELIAX®
<b>Warranty</b>	One year

### General Specifications

<b>Interface, Connector A</b>	IP-LC
<b>Interface Feature, connector A</b>	Standard
<b>Interface Body Style, connector A</b>	Flex angle
<b>Interface, Connector B</b>	DLC
<b>Interface Feature, connector B</b>	Standard
<b>Interface Body Style, connector B</b>	Straight
<b>Jacket Color</b>	Black
<b>Total Fibers, quantity</b>	12

### Dimensions

<b>Breakout Length, connector A</b>	25.4 mm   1 in
<b>Diameter Over Jacket</b>	28.05 mm   1.104 in

### Material Specifications

<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)   PE
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### Mechanical Specifications

<b>Minimum Bend Radius</b>	178 mm   7.008 in
<b>Minimum Bend Radius, furcation</b>	54 mm   2.126 in

### Optical Specifications

<b>Fiber Mode</b>	Singlemode
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<b>Fiber Type</b>	G.657.A2
<b>Insertion Loss, typical note</b>	Insertion loss is measured at 1310 and 1550 nm
<b>Insertion Loss, typical</b>	0.5 dB

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +75 °C (-40 °F to +167 °F)
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Cca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s1
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d1
<b>EN50575 CPR Cable EuroClass Acidity Rating</b>	a1
<b>Environmental Space</b>	Indoor/Outdoor
<b>Jacket UV Resistance</b>	UV stabilized

## \* Footnotes

<b>Warranty</b>	For more information, please consult our Product Warranty guidelines
<b>Insertion Loss, typical note</b>	Insertion loss is measured at a room temp of +20°C (+68°F)