OHFT-12SM610-LCULCU-232224-xx

Outdoor Hybrid Fiber Trunk
12 single-mode fibers, 6x10 AWG copper conductors, LC duplex uniboot, 2 mm OD / 32 inch long breakout, 2mm OD / 24 inch breakout, sold in meters of feet

Fiber Optic

Fiber Type	single-mode (G.657.A1)
Total Quantity	12
End 1 Connector	LC duplex uniboot / UPC
End 2 Connector	LC duplex uniboot / UPC
End 1 Breakout OD	2 mm (0.08 in)
End 1 Breakout Length	1,016 mm (40 in)
End 2 Breakout OD	2 mm (0.08 in)
End 2 Breakout Length	1,016 mm (40 in)
Optical Loss, Cable (dB/km), max	0.5 dB @ 1310 nm 0.5 dB @ 1550 nm
Insertion Loss, LC/UPC Connector (dB) 1310/1550nm	≤ 0.10 (typical) 0.30 (max)
Return Loss, LC/UPC Connector (dB)	50 dB (typical)

DC Power

Number of DC Conductors	6 / 3 red, 3 black
Conductor Type	10 AWG
DC Resistance	1.04 ohm / 1000ft (max)
Ground, Copper	10 AWG
Conductor Performance	TC-OF / THHN / THWN-2

Cable

Diameter Over Jacket	19.8 mm (0.779 in)
Cable Weight	0.576 kg/m (0.387 lbs/ft)
Cable Shield	copper
Cable Jacket	MDPE, black
UV Resistance	yes
Cable Type	outdoor

Cable Assembly Environmental

Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Storage Temperature	-40°C to +70°C (-40°F to +158°F)
Installation Temperature	-10°C to +60°C (-14°F to +140°F)

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OHFT-12SM810-LCULCU-232224-xx

Outdoor Hybrid Fiber Trunk
12 single-mode fibers, 8x10 AWG copper conductors, LC duplex uniboot, 2 mm OD / 32 inch long breakout, 2mm OD / 24 inch breakout, sold in meters of feet

Fiber Optic

Fiber Type	single-mode (G.657.A1)
Total Quantity	12
End 1 Connector	LC duplex uniboot / UPC
End 2 Connector	LC duplex uniboot / UPC
End 1 Breakout OD	2 mm (0.08 in)
End 1 Breakout Length	1,016 mm (40 in)
End 2 Breakout OD	2 mm (0.08 in)
End 2 Breakout Length	1,016 mm (40 in)
Optical Loss, Cable (dB/km), max	0.5 dB @ 1310 nm 0.5 dB @ 1550 nm
Insertion Loss, LC/UPC Connector (dB) 1310/1550nm	≤ 0.10 (typical) 0.30 (max)
Return Loss, LC/UPC Connector (dB)	50 dB (typical)

DC Power

Number of DC Conductors	8 / 4 red,4 black
Conductor Type	10 AWG
DC Resistance	1.04 ohm / 1000ft (max)
Conductor Performance	TC-OF / THHN / THWN-2

Cable

Diameter Over Jacket	19.8 mm (0.779 in)
Cable Weight	0.686 kg/m (0.461 lbs/ft)
Cable Shield	copper
Cable Jacket	MDPE, black
UV Resistance	yes
Cable Type	outdoor

Cable Assembly Environmental

Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Storage Temperature	-40°C to +70°C (-40°F to +158°F)
Installation Temperature	-10°C to +60°C (-14°F to +140°F)

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OHFT-12SM1210-LCULCU-232224-xx

Outdoor Hybrid Fiber Trunk
12 single-mode fibers, 12x10 AWG copper conductors, LC duplex uniboot, 2 mm OD / 32 inch long breakout, 2mm OD / 24 inch breakout, sold in meters or feet

Configuration

Fiber Type	single-mode (G.657.A2)
Total Quantity	12
End 1 Connector	LC duplex uniboot / UPC
End 2 Connector	LC duplex uniboot / UPC
End 1 Breakout OD	2 mm (0.08 in)
End 1 Breakout Length	813 mm (32 in)
End 2 Breakout OD	2 mm (0.08 in)
End 2 Breakout Length	610 mm (24 in)
Optical Loss, Cable (dB/km), max	0.5 dB @ 1310 nm 0.5 dB @ 1550 nm
Insertion Loss, LC/UPC Connector (dB) 1310/1550nm	≤ 0.10 (typical) 0.30 (max)
Return Loss, LC/UPC Connector (dB)	50 dB (typical)

Performance

Number of DC Conductors	12 / red, black
Conductor Type	10 AWG
Ground Wire	10 AWG

Dimensions

Diameter Over Jacket	26.21 mm (1.032 in)
Bend Radius (OD x 10)	262.1 mm (10.3 in)
Cable Weight	1,166.4 kg/km (783.8 lbs/kft)
Cable Shield	copper
Cable Jacket	PVC, black
UV Resistance	yes
Flame Performance	TC-OF / THHN / THWN-2

Environmental / Mechanical

Operating Temperature	-40°C to +80°C (-40°F to +176°F)
Storage Temperature	-40°C to +80°C (-40°F to +176°F)
Installation Temperature	-10°C to +65°C (14°F to +149°F)

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OHFT-24SM1210-LCULCU-232224-xx

Outdoor Hybrid Fiber Trunk
24 single-mode fibers, 12x10 AWG copper conductors, LC duplex uniboot, 2 mm OD / 32 inch long breakout, 2mm OD / 24 inch breakout, sold in meters or feet

Configuration

Fiber Type	single-mode (G.657.A2)
Total Quantity	24
End 1 Connector	LC duplex uniboot / UPC
End 2 Connector	LC duplex uniboot / UPC
End 1 Breakout OD	2 mm (0.08 in)
End 1 Breakout Length	813 mm (32 in)
End 2 Breakout OD	2 mm (0.08 in)
End 2 Breakout Length	610 mm (24 in)
Optical Loss, Cable (dB/km), max	0.5 dB @ 1310 nm 0.5 dB @ 1550 nm
Insertion Loss, LC/UPC Connector (dB) 1310/1550nm	≤ 0.10 (typical) 0.30 (max)
Return Loss, LC/UPC Connector (dB)	50 dB (typical)

Performance

Number of DC Conductors	12 / red, black
Conductor Type	10 AWG
Ground Wire	10 AWG

Dimensions

Diameter Over Jacket	26.21 mm (1.032 in)
Bend Radius (OD x 10)	262.1 mm (10.3 in)
Cable Weight	1,166.4 kg/km (783.8 lbs/kft)
Cable Shield	copper
Cable Jacket	PVC, black
UV Resistance	yes
Flame Performance	TC-OF / THHN / THWN-2

Environmental / Mechanical

Operating Temperature	-40°C to +80°C (-40°F to +176°F)
Storage Temperature	-40°C to +80°C (-40°F to +176°F)
Installation Temperature	-10°C to +65°C (14°F to +149°F)

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OHFT-24SM1808-LCULCU-232224-xx

Outdoor Hybrid Fiber Trunk
24 single-mode fibers, 8 AWG copper conductors, LC duplex uniboot, 2 mm OD / 32 inch breakout, 2mm OD / 24 inch breakout, sold in meters or feet

Fiber Optic

Fiber Type	single-mode (G.657.A2)
Total Quantity	24
End 1 Connector	LC duplex uniboot / UPC
End 2 Connector	LC duplex uniboot / UPC
End 1 Breakout OD	2 mm (0.08 in)
End 1 Breakout Length	812.8 mm (32 in)
End 2 Breakout OD	2 mm (0.08 in)
End 2 Breakout Length	609.6 mm (24 in)
Optical Loss, Cable (dB/km), max	0.5 dB @ 1310 nm 0.5 dB @ 1550 nm
Insertion Loss, LC/UPC Connector (dB) 1310/1550nm	≤ 0.10 (typical) 0.30 (max)
Return Loss, LC/UPC Connector (dB)	50 dB (typical)

Cable

Diameter Over Jacket	36.40 mm (1.43 in)
Cable Weight	2,369 kg/km (1,592 lbs/kft)
Cable Shield	copper
Cable Jacket	PVC, black
UV Resistance	yes
Flame Performance	TC-OF / THHN / THWN-2, UL 83, UL 1277

Cable Assembly Environmental

Operating Temperature	-40°C to +80°C (-40°F to +176°F)
Storage Temperature	-40°C to +80°C (-40°F to +176°F)
Installation Temperature	-10°C to +65°C (-14°F to +149°F)

DC Power

Number of DC Conductors	18 / blue, black
Conductor Type	8 AWG
DC Resistance	0.654 ohm / 1000ft (max)
Ground, Copper	8 AWG

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