

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)