

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	25.4 mm (1.0 in)
Bend Radius (OD x 10)	254.5 mm (10 in)
Cable Weight	1.12 kg/m (0.75 lbs/ft)
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)