



Product: [GHUAF22212](#)

Indoor/Outdoor Hybrid Cable 2 AWG 12 Conductors 4 Single Mode G.657.A2 Fiber LSZH

Product Description

Indoor/Outdoor Hybrid Cable with two PE insulated AWG 12 Conductors and Two LSZH Break-out style sub-units containing two G.657.A2 Single Mode Fibers each with a LSZH Outer Jacket

Technical Specifications

Product Overview

Suitable Applications:	Indoor/Outdoor, Distributed Antenna Systems (DAS), Passive Optical Networks (PON), Security (Cameras), Wireless Access Points (WAPs)
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Fiber Specifications

Fiber Type:	OS2
Fiber Count:	4
Fiber Color Coding:	TIA-598-D

Fiber Construction

Subunit Strength Members:	Aramid Yarns
Fibers Per Subunit:	2

Conductor Specifications

Conductor Type:	BC - Bare Copper
Number of Conductors:	2
Insulation Material:	Polyolefin (PO, PE, PP)
Nom. Insulation Diameter:	3.4 mm

Outer Jacket Specifications

Jacket Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
Nom. Diameter:	11.0 mm (0.433 in)

Optical Characteristics

Wavelength	1310 nm	1550 nm	1625 nm
Max. Attenuation	0.39 dB/km	0.24 dB/km	0.29 dB/km

Mechanical Characteristics

Min. Bend Radius During Installation:	10x OD
Min. Bend Radius During Operation:	10x OD
Max. Tensile Strength During Installation:	800 N (180 lbf)
Max. Tensile Strength During Operation:	400 N (90 lbf)
Bulk Cable Weight:	150 kg/km (100 lbs/1000ft)

Temperature Range

Installation Temperature Range:	-5°C to +50°C
Operating Temperature Range:	-30°C to +70°C
Storage Temperature Range:	-30°C to +70°C

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor - Euroclass Eca
Flammability / Reaction to Fire:	IEC 60331-2
CPR Euroclass:	Eca
European Halogen Free Standards:	IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 10 , IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2)

History

Update and Revision:	Revision Number: 0.22 Revision Date: 07-30-2025
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