Part Number: GBDHF72

Outdoor Loose Tube Corrugated Steel Tape armour 72 Fibers G657A2/G657B2

Product Description

Outdoor Dry Core Corrugated Steel Tape Armour Double Jacket Multi Loose Tube Optical Cable 72 x 9/125-G657A2/G657B2 A-DQ(ZN)2Y(SR)2Y

Technical Specifications

Product Overview

Construction Type:	Multi Loose Tube
Environmental Space:	Outdoor
Suitable Applications:	For outdoor use in structured (data) wiring systems such as campus backbone. For outdoor use in networks for telecom, cable TV and/or broadcast. Easy to install in ducts, tunnels and trenches and/or tubes.

Construction

Fiber Cable Construction

Fiber Type	Fiber Grade acc. ITU-T	Fiber Count	Subunit Color
OS2	G657A2 & G657B2	72	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown, Gray, White

Fiber Type:	OS2
Fiber Count:	72
Fiber Color Coding:	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

Buffer Specification

Fiber Type
OS2

Central Strength Member:	GRP
Cable Core Water Blocking:	Waterblocking Aramid Yarns + Tape
Bulk Cable Weight:	161 kg/km

SubUnit Specifications

Number of Active Subunits:	6
Number of Subunit Positions:	6
Fibers Per Subunit:	12
SubUnit Diameter:	0.075 in (1.9 mm)
SubUnit Waterblocking:	Gel Filled

Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Corrugated Steel Tape
Nominal Diameter@InnerJacket1:	8.5 mm
Material@InnerJacket1:	HDPE - High Density Polyethylene

Outer Jacket Material

Material	Color	Nominal Diameter	Ripcord
HDPE - High Density Polyethylene	Black	13.5 mm	1

Optical Characteristics

Fiber Core Diameter:	9 µm
Max Attenuation at 1310 nm:	0.4 dB/km
Max Attenuation at 1550 nm:	0.26 dB/km

Mechanical Characteristics

Min Bend Radius During Installation:	270 mm
Min Bend Radius During Operation:	270 mm
Max Tensile Strength During Installation:	2700 N (607 lbf)
Max Tensile Strength During Operation:	900 N (202 lbf)

Temperature Range

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

Tensile Strength

Max Tensile Strength During Inst - Test Standard:	IEC 60794-1-21-E1
Max Tensile Strength During Operation - Test Standard:	IEC 60794-1-21-E1

Standards

UL Rating/Flame Test:	Non-UL Rated
REACH:	Compliant
ISO/IEC Compliance:	IEC 60794
EU Directive 2011/65/EU (ROHS II):	Compliant
UV/ Sunlight Protection:	yes