Part Number: GCCG116

Indoor/Outdoor Loose Tube Corrugated Steel Tape armour 16 Fibers OM1

Product Description

Universal (Indoor/Outdoor) Dry Core Corrugated Steel Tape Armour Multi Loose Tube Optical Cable 16 x 9/125-OM1 A/I-DQ(ZN)(SR)H

Technical Specifications

Product Overview

Construction Type:	Multi Loose Tube
Environmental Space:	Indoor/Outdoor - Euroclass Cca
Suitable Applications:	For outdoor and indoor use in structured (data) wiring systems such as campus backbone. For outdoor and indoor use in networks for Telecom, Cable TV and/ or Broadcast. Easy to install in ducts, tunnels and trenches and/or tubes by means of compressed air or pulling wire.

Construction

Fiber Cable Construction

Fiber Type	Fiber Count	Subunit Color	Subunit Color 2
OM1	16	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown	Europe coding (Gxxxxxx.0): Red, Green, Rest White

Fiber Type:	OM1
Fiber Count:	16
Fiber Color Coding:	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown
Fiber Color Coding 2:	Europe coding (Gxxxxxx.0): Red, Natural, Yellow, Blue

Buffer Specification

Fiber Type
OM1

Central Strength Member:	GRP
Cable Core Water Blocking:	Waterblocking Glass Yarns + Tape
Bulk Cable Weight:	156 kg/km

SubUnit Specifications

Number of Active Subunits:	4
Number of Subunit Positions:	6
Fibers Per Subunit:	4
SubUnit Diameter:	0.075 in (1.9 mm)
SubUnit Waterblocking:	Gel Filled

Jacket Specifications

Number of Jackets:	Single Jacket
Type of Armor:	Corrugated Steel Tape

Outer Jacket Material

Material	Nominal Diameter	Ripcord
LSZH - Low Smoke Zero Halogen	11.1 mm	1

Optical Characteristics

Fiber Core Diameter:	62.5 µm

Max Attenuation at 1300 nm:	1.2 dB/km
Max Attenuation at 850 nm:	3.4 dB/km

Mechanical Characteristics

Min Bend Radius During Installation:	222 mm
Min Bend Radius During Operation:	222 mm
Max Tensile Strength During Installation:	3480 N (782 lbf)
Max Tensile Strength During Operation:	1160 N (261 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
Reaction to Fire - Bundle Flame Test:	IEC 60332-3-22
Resistance to Fire - Circuit Integrity:	IEC 60331-25
CPR Euroclass:	Cca-s2,d1,a1
REACH:	Compliant
ISO/IEC Compliance:	IEC 60794
EU Directive 2011/65/EU (ROHS II):	Compliant
UV/ Sunlight Protection:	yes