



Part Number: FSSH0066F

Outdoor Heavy Duty Loose Tube OS2 6 Fibers

Product Description

FX Outdoor Heavy Duty Loose Tube OS2 6 Fibers OSP Corrugated Steel Tape Armor Sub-Units (6F) Gel Black

Technical Specifications

Product Overview

Part Number:	FSSH0066F
Construction Type:	Multi Loose Tube
Environmental Space:	Outdoor
Suitable Applications:	Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	6

Fiber Type:	OS2
Fiber Count:	6
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White

Buffer Specification

Buffer Material
Loose tube - Gel-filled

Central Strength Member:	GRP
Cable Core Water Blocking:	Waterblocking Tape
Bulk Cable Weight:	128 lbs/1000ft
Weight:	128 kg

SubUnit Specifications

Number of Active Subunits:	1
Number of Subunit Positions:	6
Fibers Per Subunit:	6
SubUnit Diameter:	0.078 in (2.0 mm)
SubUnit Waterblocking:	Gel Filled

Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Corrugated Steel Tape
Number of Inner Jacket Ripcords:	2
Color@InnerJacket1:	Black
Material@InnerJacket1:	PE

Outer Jacket Material

Material	Nominal Diameter
----------	------------------

Thermoplastic	0.53 in (13.5 mm)
Outer Jacket Color:	Black
Number of Outer Jacket Ripcords:	2
OuterJacket1, Nominal Diameter:	.59 (15.)

Optical Characteristics

Fiber Core Diameter:	8.2/125µm
Max Attenuation at 1310 nm:	0.4 dB/km
Max Attenuation at 1550 nm:	0.3 dB/km
Wavelength:	1310 nm / 1550 nm
10 Gigabit Ethernet Performance:	10,000 m / 40,000 m
1 Gigabit Ethernet Performance:	5,000 m / -

Mechanical Characteristics

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	15x Cable OD
Max Tensile Strength During Installation:	135 N (600 lbf)
Max Tensile Strength During Operation:	40 N (180 lbf)
Crush Resistance:	440
Impact Resistance:	4.4 N/cm

Temperature Range

Operating Temp Range:	-40C to +70C
Installation Temp Range:	-30C to +60C
Storage Temp Range:	-40C to +75C

Standards

UL Rating/Flame Test:	OSP
Telecommunications Standards:	ANSI/ICEA S-87-640
RoHS:	Yes

History

Variants

Item #	Color	UPC
FSSH0066F	Black	612825372271

© 2019 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.