



Part Number: GMTTA12

Outdoor Tactical 12 Fibers G657A1-OS2

Product Description

Outdoor Tactical Tight Optical Cable 12 x 9/125-G657A1-OS2 A/I-V(ZN)11Y

Technical Specifications

Product Overview

Construction Type:	Tactical
Environmental Space:	Indoor/Outdoor
Suitable Applications:	These metal-free mobile cables have been designed for de-spooling and re-spooling repeatedly. Support all computer network applications such as FDDI, Gigabit Ethernet and ATM Easy to install. Not Recommended for direct burial Core-bonded Polyurethane jacket providing simple installation

Construction

Fiber Cable Construction

Fiber Count	
12	
Fiber Count:	12
Fiber Color Coding:	TIA coding (Gxxxxxx.T): Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua
Fiber Color Coding 2:	Europe coding (Gxxxxxx.0): Red, Natural, Yellow, Blue, Green, Violet, Brown, Black, Orange, Aqua, Pink, White

Buffer Specification

Buffer Construction	Buffer Material	Buffer Diameter
Tight	PA - Polyamide	0.9 mm
Cable Core Water Blocking:	Waterblocking Aramid Yarns	
Bulk Cable Weight:	60 kg/km	

Jacket Specifications

Number of Jackets:	Single Jacket
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Outer Jacket Material

Material	Nominal Diameter	Ripcord
PUR - Polyurethane	8.2 mm	1

Optical Characteristics

Fiber Core Diameter:	9 µm
Max Attenuation at 1310 nm:	0.4 dB/km
Max Attenuation at 1550 nm:	0.25 dB/km

Mechanical Characteristics

Min Bend Radius During Installation:	65.6 mm
Min Bend Radius During Operation:	32.8 mm
Max Tensile Strength During Installation:	600 N (135 lbf)

Temperature Range

Operating Temp Range:	-55 °C to +85 °C
Installation Temp Range:	-5 °C to +50 °C
Storage Temp Range:	-70 °C to +85 °C

Tensile Strength

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

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