



Product: [GVMTE06](#) 

Universal (not long. watertight) tight buffered distribution cable LSZH jacket 6f MM OM4. CPR Dca.

Product Description

Universal (Indoor/Outdoor) dry core (not longitudinal watertight) tight buffered optical fiber distribution cable with Low Smoke Zero Halogen outer jacket. 6 fibers MM OM4. CPR Euroclass Dca.

Technical Specifications

Product Overview

Suitable Applications:	For outdoor and indoor use in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone (riser) and/or horizontal cabling. For outdoor and indoor use in networks for industrial, telecom, cable TV and/or broadcast. Support all computer network applications such as FDDI, Gigabit Ethernet and ATM. Not suitable for blown installation.
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Fiber Specifications

Fiber Type:	OM4
Fiber Buffer Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
Fiber Buffer Construction:	Tight
Fiber Buffer Diameter:	0.9 mm
Fiber Count:	6
Fiber Color Coding:	TIA coding (Gxxxxx.T): Blue, Orange, Green, Brown, Gray, White

Cable Construction

Cable Core Water Blocking:	Waterblocking Glass Yarns
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Outer Jacket Specifications

Jacket Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
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Mechanical Characteristics

Mechanical Tests

Description	Tested Standard	According to Family Specification
Cable Min. Bend Radius Installation (Short Term)	IEC 60794-1-21-E6	IEC 60794-2-20
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	IEC 60794-2-20
Cable Max. Tensile Strength Installation (Short Term)	IEC 60794-1-21-E1	IEC 60794-2-20
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	
Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	IEC 60794-2-20
Cable Max. Crush Resistance Operation (Long Term)	IEC 60794-1-21-E3	IEC 60794-2-20

Minimum Bend Radius During Installation:	102 mm
Minimum Bend Radius During Operation:	51 mm
Max. Tensile Strength During Installation:	900 N (200 lbf)
Max. Tensile Strength During Operation:	300 N (67 lbf)
Bulk Cable Weight:	22 kg/km (15 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 Dca
Flammability / Reaction to Fire:	IEC 60332-1-2, IEC 60332-3-24
CPR Compliance:	CPR Euroclass: Dca-s2,d1,a1
ISO/IEC Compliance:	IEC 60794ISO/IEC 11801-1
European Halogen Free Standards:	IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 10 µS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.176 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
GVMTE06.002100	Black	Reel	2,100 m	
GVMTE06.004100	Black	Reel	4,100 m	8719605185594

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