MIC® Unitized Tight-Buffered Cable, Plenum

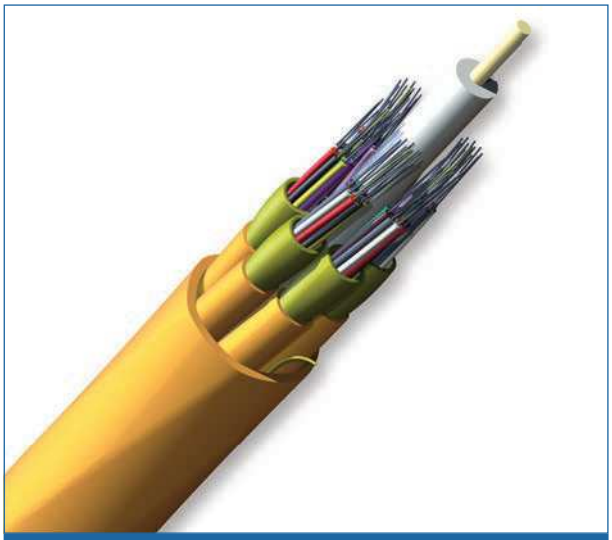
72 fibres, 62.5 µm multimode (OM1)

CORNING

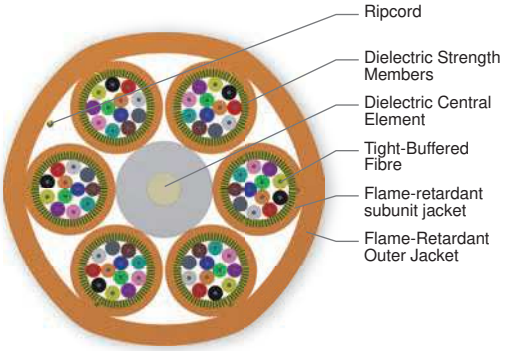
Corning MIC® unitized plenum cables are designed for use in plenum, riser and general purpose environments for intrabuilding backbone installations. These multifibre cables use individually jacketed 900 µm buffered fibres enabling easy, consistent stripping and facilitating termination. The stranded subunits of 6-, 12-, or 24-fibres allow quick and easy identification and are surrounded by dielectric strength members and protected by a flame-retardant outer jacket.

The all-dielectric cable construction requires no grounding or bonding, making these cables ideal for routing inside buildings including riser shafts, to the telecommunications rooms and workstations. The MIC Unitized Riser Cables meet the application requirements of the National Electrical Code® (NEC®) Article 770 and the ICEA S-83-596 test criteria. They are OFNP and FT-6 listed.

This cable is available in 12 different jacket colours – blue, orange, green, brown, slate, white, red, black, yellow, violet, rose and aqua. The coloured jacket allows for easy visual identification of the cables. The standard jacket colour will be determined by the dominant fibre type in the cable and will use the standard part numbers shown here. Contact Customer Care at 1-800-743-2675 to order other colour options.



Part Number: 072K88-T3130-29



Cross Section of Order Number: 072K88-T3130-29

Features and Benefits

900 µm Buffered Fibres
Easy, consistent stripping

6- or 12-fibre jacketed subunits
Quick and easy identification

All-dielectric cable construction
Requires no grounding or bonding

Flame-retardant jacket
Rugged and durable

Standards

Approvals and Listings	National Electrical Code® (NEC®) OFNP, CSA FT-6, ICEA S-83-596
Flame Resistance	NFPA 262 (for plenum, riser and general building applications)

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Specifications

General Specifications	
Environment	Indoor
Application	General Purpose Horizontal, Vertical Riser, Plenum
Cable type	Tight-Buffered
Product type	Distribution
Flame rating	Plenum (OFNP)
Fibre Category	62.5 µm MM (OM1)

Temperature Range	
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation and assembly	0 °C to 60 °C (32 °F to 140 °F)
Operation	0 °C to 70 °C (32 °F to 158 °F)

Cable Design	
Central Element	Jacketed GRP
Fibre Count	72
Number of Active Tubes	6
Subunit Colour	orange
	12
Subunit Diameter	5.55 mm (0.22 in)
Tight buffer colour subunit	Blue, orange, green
Tensile Strength Elements and/or Armouring - Layer 1	Dielectric strength members
Tight buffer colour subunit, layer 2	Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise
Number of ripcords	7
Outer jacket material	Flame-retardant
Outer jacket colour	orange

Mechanical Characteristics Cable	
Max. tensile strength, short-term	660 N (150 lbf)
Max. Tensile Strength, Long-Term	200 N (45 lbf)
Nominal Outer Diameter	18.6 mm (0.73 in)
Weight	317.7 kg/km (213.5 lb/1000 ft)

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Mechanical Characteristics Cable	
Min. Bend Radius Installation	279 mm (11.0 in)
Min. Bend Radius Operation	186 mm (7.3 in)

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Ordering Information

Part Number	072K88-T3130-29
Product Description	MIC® Unitised Tight-Buffered Cable, Plenum, 72 F, 62.5 µm multimode (OM1)
EAN Code	4056418190457

RoHS COMPLIANT

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