

MICRO UNIT MCU-3-02X12/H-D-KHRP-DD TZ

Part Number: **F302402R0Z**

Applications:

Campus Backbone, Data-Centers/SANs, Direct Burial Campus Backbone, General purpose armored Indoor/Outdoor, Multifiber array for MPO connectors, Outdoor Plant Duct Installation

General Construction:

24 graded index multimode OM4 bend insensitive color coded optical fibers each with a 0.25 mm outer diameter, are protected by dielectric strength yarns and jacketed. These 2 color-coded 3.0 mm microunits and 3 fillers are stranded around a dielectric central strength member and overall jacketed. This cable core is then covered with a waterblocking tape, armored and a PE outer jacket completes the cable design.

Outer Jacket Material:

PE

Outer Diameter:

15.5 mm nom.

Weight:

265 kg/km



Design & Materials

Buffer Material:	FR-LSZH
Central Strength Member:	FRP
Strength Elements:	Aramid Yarns
Inner Jacket Material:	FR-LSZH
Armor:	Yes
Armoring:	Corrugated Steel - ECCS
Total Number of Tubes:	2
Number of fibers:	24
Waterblocking:	Dry Waterblocking
Rip-Cord:	Yes
Outer Jacket Color:	Turquoise
Marking:	Per request

Standards

Applicable Standards:	IEC 60794
Installation:	Guidelines as per IEC TR 62691

Performance

Max. Installation Tensile Load :	2300 N max.
Max. Residual Tension (MRS) :	1380 N max.
Max. Crush Resistance:	800 N/cm
Min. Bend Radius for Installation:	20xD mm
Min. Bend Radius for Operation:	20xD mm
Max. Operating Temperature:	+60 °C
Min. Operating Temperature:	-5 °C
Max. Installation Temperature:	+45 °C
Min. Installation Temperature:	0 °C
Max. Storage Temperature:	+70 °C
Min. Storage Temperature:	-20 °C
UV Resistance:	Yes
Waterblocking:	Yes

Prepared By	Revised By	Version Num	Modified on
Zuri Balal	Yigal Piness	1.12	08-07-2014

Teldor Cables & Systems Ltd. ("Teldor") reserves the right to make changes to the products described in this catalog without prior notice. Teldor does not assume any liability which may occur due to the use of the products described herein. Drawings may not be to scale and are provided for general and informational purposes only. The information contained in this catalog is the proprietary property of Teldor, and may not be used, reproduced or disclosed to others, in whole or in part, without the written authorization of Teldor.

Teldor Cables & Systems Ltd. - Ein-Dor, 1933500

ISRAEL

Tel: +972 4 6770555

Fax: +972 4 6770650