

# PICO and RICO-Breakout cable

## Horizontal cabling solution

The Tyco Electronics Mini-Breakout cable is a compact and flexible riser cabling solution combining the fibers of multiple residents in a MDU. To connect the premises of these residents, few fibers from this riser cable have to be connected to a horizontal cable which leads the fibers into the customer's premises termination point.

For this horizontal cabling, Tyco Electronics proposes two solutions, each with their own properties: PICO-Breakout is the smallest available horizontal cable with a diameter < 1 mm combined with a pulling strength of 300N. This is ideal for installation through in-the-wall embedded pipes/ducts that terminate in standard building wall sockets.

RICO-Breakout is an overtubed PICO-Breakout. The 2.6mm overtube protects the fiber against overbending of the PICO-Breakout during installation and for installations where the horizontal cabling is routed on the walls or through pipes/ducts with sharp crossings.

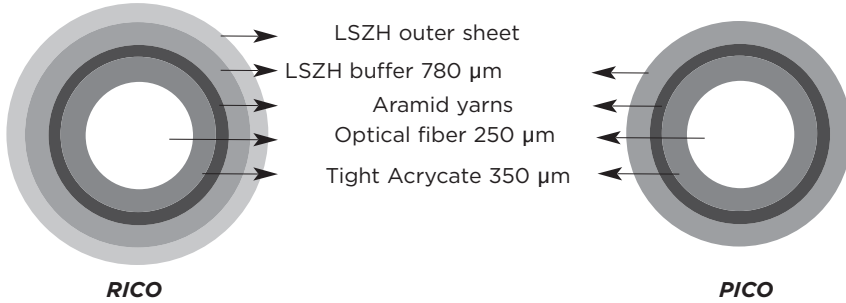
### Features

- Very compact and flexible riser cable construction for fast installation and installation in existing building conduits
- Low smoke zero halogen, flame retardant materials
- G.657A1 Bend optimized fibers
- Cable pulling strength of 300N
- Designed for indoor use
- -30/+60°C temperature range
- Connectors terminated to PICO-Breakout in a robust way

Connector types can be both SC and LC or others on request. Connector specification according to IEC61755-1 Grade C.

## Technical data

	PICO-Breakout	RICO-Breakout
Cable diameter	780 ± 30 µm	2,6 ± 0,2 mm
Min. bend radius during installation	5 mm	5 mm
Min bend radius in operation	20 mm	26 mm
Crush resistance	400 N over 100 mm	2000 N over 100 mm
Impact Resistance	0,1 Joule	2 Joule



**Note:** for complete technical information, please check the product specification

## Description

### PICO-Breakout assemblies

**PICO - BO 01 - P - ZZ - YYY M**

ZZ	L1	LC/UPC
	L2	LC/APC 8°
	S1	SC/UPC
	S2	SC/APC 8°

YYY	Length in meters (3 digits)
<b>010</b>	10M
<b>020</b>	20M
<b>030</b>	30M
<b>050</b>	50M

### RICO-Breakout assemblies

**RICO - BO 01 - P - ZZ - YYY M**

ZZ	L1	LC/UPC
	L2	LC/APC 8°
	S1	SC/UPC
	S2	SC/APC 8°

YYY	Length in meters (3 digits)
<b>010</b>	10M
<b>020</b>	20M
<b>030</b>	30M
<b>050</b>	50M

**Note:** the 2,6 mm outer sheet ends 1 m from the connector tip.

### RICO-Breakout cable

**OC - CB - RICO - BO 01 - A - 2000** (2000m on a single drum)

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