



## Optical Distribution Frames Micro-Distribution Breakout Cable (MDB)

Many network operators plan to expand their communications networks in order to provide a wide variety of services. To ensure this expansion in high density networks, space becomes a premium.

As an extension to the optical distribution frame (ODF) portfolio, TE offers the microdistribution breakout cable assemblies. Especially in the central office, these assemblies provide the opportunity to easily and efficiently establish fibre connections between the active and the passive equipment as a plug and play solution.

### FEATURES AND BENEFITS

- Micro-distribution breakout cable with 12 fibres, with LC/SC/E2000 connectors
- Flexible and thin cable construction
- Pre-configured plug and play solution
- Easy circuit identification through color-coding
- The cables' fan-out bodies can fit into TE retainer elements with no crimping or improper bend radii
- Rapid, cost-saving installation
- Available in a range of lengths

### PRODUCT SPECIFICATIONS

#### FANOUT

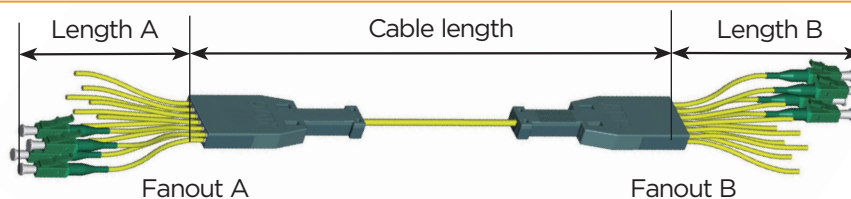
<i>Material of body:</i>	V-0, halogen free, polycarbonate
<i>Minimum bend radius:</i>	25 mm
<i>Maximum operation pulling force of fanout:</i>	1.8 mm cable > 70 N 0.9 mm buffered fibre > 5 N

#### MICRO-DISTRIBUTION BREAKOUT CABLE

<i>Cable outer diameter:</i>	2.5 +/- 0.2mm
<i>Material:</i>	Halogen free/ low smoke/ flame retardant
<i>Environment:</i>	RoHS- and WEEE compliant
<i>Operating temperature:</i>	-10 to +60°C
<i>Minimum bend radius:</i>	25 mm
<i>Maximum operation pulling force:</i>	100N

# Optical Distribution Frames

## Micro-Distribution Breakout Cable (MDB)



### ORDERING INFORMATION

Catalog Number		
MDB-		
<b>Cable Type</b>		<b>Color Code</b>
A Singlemode, G657A1 Yellow jacket		2 TIA598-B
F Multimode, 50/125µm OM3 Turquoise-Aqua jacket		
<b>Fiber Count</b>		<b>Fanout B Length</b>
04 4 fibers		05 0.5m
06 6 fibers		10 1m
08 8 fibers		15 1.5m
10 10 fibers		20 2m
12 12 fibers		25 2.5m
		30 3m
<b>Black Fanout A</b>		<b>Connector B</b>
A 0.9mm		
K 1.8mm		
<b>Connector A</b>		
	Standard (Grade C*)	Superior (Grade B*)
SC/UPC	S1	SF
SC/APC8°	S2	SG
SC/APC9°	S3	--
LC/UPC	L1	LF
LC/APC	L2	LG
E2000/APC	--	E9
* Grades according to IEC 61755-1		
<b>Fanout A Length</b>		<b>Black Fanout B</b>
05 0.5m		0 No fanout
10 1m		A 0.9mm
15 1.5m		K 1.8mm
20 2m		
25 2.5m		
30 3m		
		<b>Cable Length</b>
		03...99 3...99m

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