

Universal Tactical Breakout

GMBT

A/I-VQ(ZN)H(ZN)11Y



Applications

- These metal-free mobile cables have been designed for de-spooling and re-spooling repeatedly
- Support all computer network applications such as FDDI, Gigabit Ethernet and ATM

Features & Benefits

- Available in sizes 4, 6 and 8 fibers
- Extremely strong, rugged, survivable tight-buffered cables for harsh environments
- Polyurethane outer jacket
- The individual single fiber units (of which these metal-free breakout cables are composed) permit direct (de-tensioned) terminations with separate single-way connectors, eliminating the splicing of pigtails and/or breakout kits
- Length marking in meters for easy determination of the cable length
- Full dielectric construction, no grounding required

Specifications

IEC 60794-1-2

Crush Resistance (E3):

– Cable	44 kN/m
– Fiber unit	8 kN/m

Min. Bend Radius dynamic (E6):	15 x Ø
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Min. Bend Radius static (E11):	10 x Ø
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Min. Bend Radius fibers:	25 mm
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Temperature Range (F1):

– Transport/Storage	-30°C to +70°C
– Installation	-5°C to +50°C
– Operation	-30°C to +70°C

Stripping (E5), Tight:

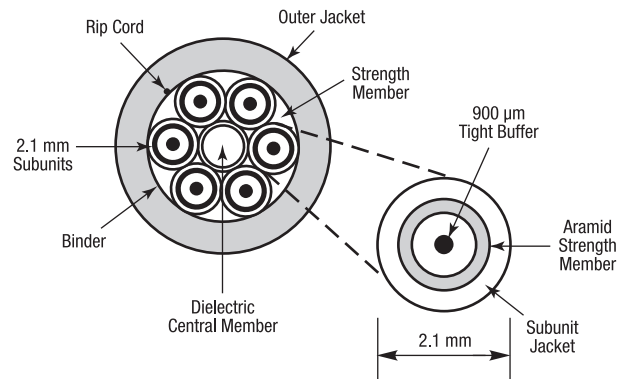
– Secondary coating	> 10 cm
– Primary and Secondary	> 10 mm

Other

Flame Retardant:	IEC 60332-1
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Cross Section



Characteristics

Tight Buffer	Fiber Count	Diameter (mm)	Weight (kg/km)	Tensile Strength (short term) N	Tensile Strength (permanent) N	Fire Load (kJ/m)
GMBT*04	4	7.2	65	1200	600	652
GMBT*06	6	8.0	82	2800	1400	1090
GMBT*08	8	9.4	110	4000	2000	1415

Note: Buffer diameter 0.90 ± 0.05 mm

Ordering Information

Fiber Type/Court	4	6	8	Jacket Color
62.5/125-OM1	GMBT104	GMBT106	GMBT108	Black
50/125-OM2	GMBT204	GMBT206	GMBT208	Black
50/125-OM3	GMBT304	GMBT306	GMBT308	Black
50/125-OM3 Flex	GMBTD04	GMBTD06	GMBTD08	Black
50/125-OM4	GMBT604	GMBT606	GMBT608	Black
50/125-OM4 Flex	GMBTE04	GMBTE06	GMBTE08	Black
9/125 ITU G.657A1	GMBTA04	GMBTA06	GMBTA08	Black
9/125 ITU G.657A2	GMBTF04	GMBTF06	GMBTF08	Black
9/125 ITU G.657B3	GMBTI04	GMBTI06	GMBTI08	Black
Std. plywood reel (non-returnable)	Ø 800 x 475 mm, Weight 7.65 kg		Ø 1000 x 530 mm, Weight 18 kg	
Std. delivery length	2100 ± 100 m		2100 ± 100 m	