

Universal Tactical Mini-Breakout

GM TT

A/I-VQ(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

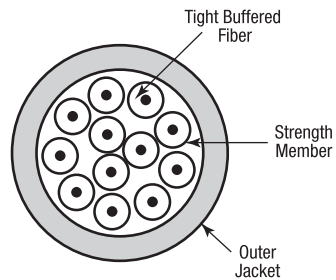
- Available in sizes from 2 to 24 fibers
- 900 μ m buffered fiber allows for use of field-installable connectors
- Extremely strong, rugged, survivable tight-buffered cables for harsh environments
- Core-bonded Polyurethane jacket provides simple installation
- Length marking in meters for easy determination of the cable length
- Full dielectric construction, no grounding required

Specifications

IEC 60794-1-2	
Crush Resistance (E3):	4 kN/m
Torsion (E7) +20° Rotation Angle 360°/m; 55 N:	10,000 cycles
Torsion (E7) -40° Rotation Angle 130°/m; 55 N:	20,000 cycles
Min. Bend Radius:	
– Dynamic (E6)	15 x $\emptyset$
– Cable with flex fiber	8 x $\emptyset$
Min. Bend Radius:	
– Static (E11)	10 x $\emptyset$
– Cable with flex fiber	4 x $\emptyset$
Repeated bending (E6):	> 700,000
Temperature Range (F1):	
– Transport/Storage	-70°C to +85°C
– Installation	-5°C to +50°C
– Operation	-55°C to +85°C
Stripping (E5), Tight:	
– Secondary coating	> 10 cm
– Primary and Secondary	> 10 mm
Min. Bend Radius fibers:	25 mm
– Flex fibers G657A1 (max. increase)	0.75 dB/turn@1550 nm with 10 mm
– Flex fibers G657A2 (max. increase)	0.50 dB/turn@1550 nm with 7.5 mm
– Flex fibers G657B3 (max. increase)	0.15 dB/turn@1550 nm with 5 mm
– Flex fibers OM3 flex, OM4 flex (max. increase)	0.20 dB/turn@850 nm with 7.5 mm 0.50 dB/turn@1300 nm with 7.5 mm



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)
GMTT*02	2	5.4	27	1500	700	470
GMTT*04	4	5.8	31	1600	800	580
GMTT*06	6	7.0	40	2000	950	725
GMTT*08	8	7.0	41	2200	1100	780
GMTT*12	12	8.2	60	2200	1100	1270
GMTT*24	24	8.5	71	2200	1100	1567

Note: Buffer diameter 0.90 ± 0.05 mm

Ordering Information

Fiber Type/Count	2	4	6	8	12	24	Jacket Color
62.5/125-OM1	GMTT102	GMTT104	GMTT106	GMTT108	GMTT112	GMTT124	Black
50/125-OM2	GMTT202	GMTT204	GMTT206	GMTT208	GMTT212	GMTT224	Black
50/125-OM3	GMTT302	GMTT304	GMTT306	GMTT308	GMTT312	GMTT324	Black
50/125-OM3 Flex	GMTTD02	GMTTD04	GMTTD06	GMTTD08	GMTTD12	GMTTD24	Black
50/125-OM4	GMTT602	GMTT604	GMTT606	GMTT608	GMTT612	GMTT624	Black
50/125-OM4 Flex	GMTTE02	GMTTE04	GMTTE06	GMTTE08	GMTTE12	GMTTE24	Black
9/125 ITU G.657A1	GMTTA02	GMTTA04	GMTTA06	GMTTA08	GMTTA12	GMTTA24	Black
9/125 ITU G.657A2	GMTTF02	GMTTF04	GMTTF06	GMTTF08	GMTTF12	GMTTF24	Black
9/125 ITU G.657B3	GMTTI02	GMTTI04	GMTTI06	GMTTI08	GMTTI12	GMTTI24	Black
Std. plywood reel (non-returnable)	Ø 560 x 336 mm, Weight 4.25 kg		Ø 800 x 475 mm, Weight 7.65 kg		Ø 1000 x 530 mm, Weight 18.0 kg		—
Std. delivery length	2100 ± 100 m		2100 ± 100 m		2100 ± 100 m		—

Fiber Color Coding

No.		No.		No.		No.		No.		No.	
1	White	5	Green	9	Orange	13	White + ring	17	Green + ring	21	Orange + ring
2	Red	6	Violet	10	Turquoise	14	Red + ring	18	Violet + ring	22	Turquoise + ring
3	Blue	7	Brown	11	Pink	15	Blue + ring	19	Brown + ring	23	Pink + ring
4	Yellow	8	Black	12	Grey	16	Yellow + ring	20	Black + ring	24	Grey + ring