

Universal Mini-Breakout with Steel Wire Braid

GUMV

A/I-VQ(ZN)H(SR)H



Applications

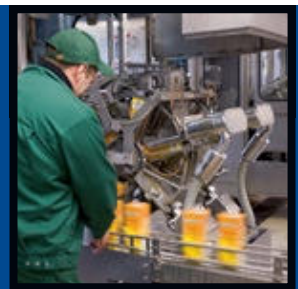
- Structured (premises) wiring systems: campus and/or building backbone (riser) and/or horizontal cabling
- Support all computer network applications such as FDDI, Gigabit Ethernet and ATM
- Easy to install in ducts, tunnels and trenches

Features & Benefits

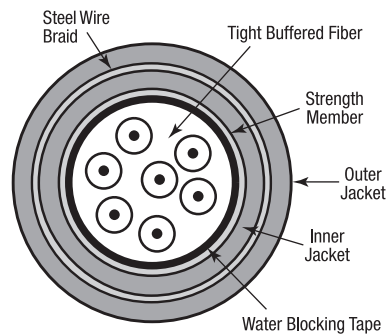
- Available in sizes from 2 to 24 fibers
- 900 µm buffered fiber allows for use of field-installable connectors
- Length marking in meters for easy determination of the cable length
- High mechanical and full rodent protection provided by Steel Wire Braid (SWB)
- These cables are halogen-free (= FRNC and LSNH) and watertight and therefore suitable for internal and external use. Consequently splicing can be avoided and the installation gets more cost-effective.

Specifications

IEC 60794-1-2	
Crush Resistance (E3):	15 kN/m
Min. Bend Radius dynamic (E6):	20 x Ø
Min. Bend Radius static (E11):	15 x Ø
Min. Bend Radius fibers:	25 mm
Temperature Range (F1):	
– Transport/Storage	-30°C to +70°C
– Installation	-5°C to +50°C
– Operation	-30°C to +70°C
Watertightness (F5):	Pass
Stripping (E5), Tight:	
– Secondary coating	> 10 cm
– Primary and Secondary	> 10 mm
Other	
Flame Retardant:	IEC 60332-3-22
Halogen Free:	IEC 60754-1
Non Corrosive:	IEC 60754-2
Smoke Density:	IEC 61034-2



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)
GUMV*04	4	9.5	108	800	400	1120
GUMV*06	6	10.0	117	900	450	1230
GUMV*08	8	10.0	119	900	450	1250
GUMV*12	12	11.7	153	1000	500	1680
GUMV*16	16	12.7	171	1000	500	2000
GUMV*24	24	13.7	194	1200	600	2340

Note: Buffer diameter 0.90 ± 0.05 mm

Ordering Information

Fiber Type/Count	4	6	8	12	16	24	Jacket Color
62.5/125-OM1	GUMV104	GUMV106	GUMV108	GUMV112	GUMV116	GUMV124	Orange
50/125-OM2	GUMV204	GUMV206	GUMV208	GUMV212	GUMV216	GUMV224	Orange
50/125-OM3	GUMV304	GUMV306	GUMV308	GUMV312	GUMV316	GUMV324	Aqua
50/125-OM3 Flex	GUMVD04	GUMVD06	GUMVD08	GUMVD12	GUMVD16	GUMVD24	Aqua
50/125-OM4	GUMV604	GUMV606	GUMV608	GUMV612	GUMV616	GUMV624	Erika-Violet (RAL 4003)
50/125-OM4 Flex	GUMVE04	GUMVE06	GUMVE08	GUMVE12	GUMVE16	GUMVE24	Erika-Violet (RAL 4003)
9/125 ITU G.657A1	GUMVA04	GUMVA06	GUMVA08	GUMVA12	GUMVA16	GUMVA24	Yellow
9/125 ITU G.657A2	GUMVF04	GUMVF06	GUMVF08	GUMVF12	GUMVF16	GUMVF24	Yellow
9/125 ITU G.657B3	GUMVI04	GUMVI06	GUMVI08	GUMVI12	GUMVI16	GUMVI24	Yellow
Std. plywood reel (non-returnable)	Ø 1000 x 530 mm, Weight 18.0 kg						—
Std. delivery length	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