

Universal Mini-Breakout

GUMT
GUMS

A/I-V(ZN)H
A/I-K(ZN)H



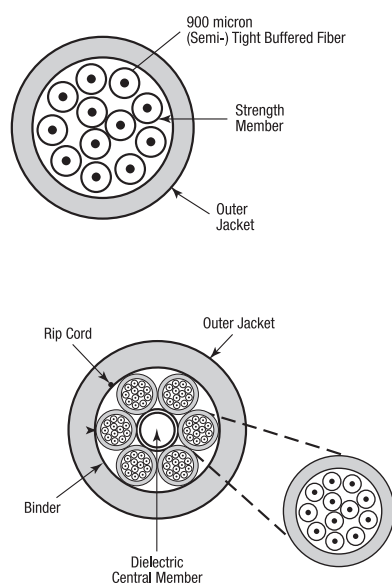
Applications

- 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. Not recommended for direct burial

Features & Benefits

- Available in sizes from 2 to 72 fibers
- 900 μ m buffered fiber allows for use of field-installable connectors
- Semi-tight buffered optical fibers are easily strippable
- Length marking in meters for easy determination of the cable length
- Full dielectric construction, no grounding required
- 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.

Cross Section



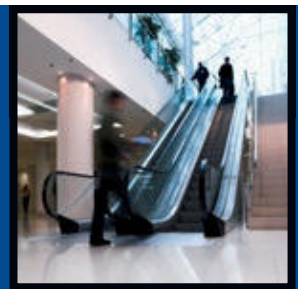
Specifications

IEC 60794-1-2

Crush Resistance (E3):	4 kN/m
Min. Bend Radius dynamic (E6):	20 x $\emptyset$
Min. Bend Radius static (E11):	15 x $\emptyset$
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), Semi-Tight:	
- Secondary coating	> 30 cm
- Primary and Secondary	> 10 mm
Stripping (E5), Tight:	
- Secondary coating	> 10 cm
- Primary and Secondary	> 10 mm

Other

Flame Retardant:	IEC 60332-3-24
Halogen Free:	IEC 60754-1
Non Corrosive:	IEC 60754-2
Smoke Density:	IEC 61034-2



Characteristics

Tight Buffer	Semi-Tight Buffer	Fiber Count	Diameter (mm)	Weight (kg/km)	Tensile Strength (short term) N	Tensile Strength (permanent) N	Fire Load (kJ/m)
GUMT*02	GUMS*02	1 x 2	5.4	26	800	400	296
GUMT*04	GUMS*04	1 x 4	5.4	26	800	400	296
GUMT*06	GUMS*06	1 x 6	5.9	30	900	450	347
GUMT*08	GUMS*08	1 x 8	5.9	32	900	450	371
GUMT*12	GUMS*12	1 x 12	7.6	45	1000	500	622
GUMT*16	GUMS*16	1 x 16	8.6	53	1000	500	845
GUMT*24	GUMS*24	1 x 24	9.6	74	1200	600	1082
GUMT*36	GUMS*36	3 x 12	19.7	246	5400	2700	2345
GUMT*48	GUMS*48	4 x 12	19.7	286	5400	2700	2970
GUMT*72	GUMS*72	6 x 12	24.6	438	6000	3000	4290

Note: Buffer diameter 0.90 ± 0.05 mm

Ordering Information

Fiber Type/Count	2	4	6	8	12	16	24	36	48	72	Jacket Color
GUMT • Tight Buffer											
62.5/125-OM1	GUMT102	GUMT104	GUMT106	GUMT108	GUMT112	GUMT116	GUMT124	GUMT136	GUMT148	GUMT172	Orange
50/125-OM2	GUMT202	GUMT204	GUMT206	GUMT208	GUMT212	GUMT216	GUMT224	GUMT236	GUMT248	GUMT272	Orange
50/125-OM3	GUMT302	GUMT304	GUMT306	GUMT308	GUMT312	GUMT316	GUMT324	GUMT336	GUMT348	GUMT372	Aqua
50/125-OM3 Flex	GUMTD02	GUMTD04	GUMTD06	GUMTD08	GUMTD12	GUMTD16	GUMTD24	GUMTD36	GUMTD48	GUMTD72	Aqua
50/125-OM4	GUMT602	GUMT604	GUMT606	GUMT608	GUMT612	GUMT616	GUMT624	GUMT636	GUMT648	GUMT672	Erika-Violet (RAL 4003)
50/125-OM4 Flex	GUMTE02	GUMTE04	GUMTE06	GUMTE08	GUMTE12	GUMTE16	GUMTE24	GUMTE36	GUMTE48	GUMTE72	Erika-Violet (RAL 4003)
9/125 ITU G.657A1	GUMTA02	GUMTA04	GUMTA06	GUMTA08	GUMTA12	GUMTA16	GUMTA24	GUMTA36	GUMTA48	GUMTA72	Yellow
9/125 ITU G.657A2	GUMTF02	GUMTF04	GUMTF06	GUMTF08	GUMTF12	GUMTF16	GUMTF24	GUMTF36	GUMTF48	GUMTF72	Yellow
9/125 ITU G.657B3	GUMTI02	GUMTI04	GUMTI06	GUMTI08	GUMTI12	GUMTI16	GUMTI24	GUMTI36	GUMTI48	GUMTI72	Yellow
GUMS • Semi-Tight Buffer											
62.5/125-OM1	GUMS102	GUMS104	GUMS106	GUMS108	GUMS112	GUMS116	GUMS124	GUMS136	GUMS148	GUMS172	Orange
50/125-OM2	GUMS202	GUMS204	GUMS206	GUMS208	GUMS212	GUMS216	GUMS224	GUMS236	GUMS248	GUMS272	Orange
50/125-OM3	GUMS302	GUMS304	GUMS306	GUMS308	GUMS312	GUMS316	GUMS324	GUMS336	GUMS348	GUMS372	Aqua
50/125-OM3 Flex	GUMSD02	GUMSD04	GUMSD06	GUMSD08	GUMSD12	GUMSD16	GUMSD24	GUMSD36	GUMSD48	GUMSD72	Aqua
50/125-OM4	GUMS602	GUMS604	GUMS606	GUMS608	GUMS612	GUMS616	GUMS624	GUMS636	GUMS648	GUMS672	Erika-Violet (RAL 4003)
50/125-OM4 Flex	GUMSE02	GUMSE04	GUMSE06	GUMSE08	GUMSE12	GUMSE16	GUMSE24	GUMSE36	GUMSE48	GUMSE72	Erika-Violet (RAL 4003)
9/125 ITU G.657A1	GUMSA02	GUMSA04	GUMSA06	GUMSA08	GUMSA12	GUMSA16	GUMSA24	GUMSA36	GUMSA48	GUMSA72	Yellow
9/125 ITU G.657A2	GUMSF02	GUMSF04	GUMSF06	GUMSF08	GUMSF12	GUMSF16	GUMSF24	GUMSF36	GUMSF48	GUMSF72	Yellow
9/125 ITU G.657B3	GUMSI02	GUMSI04	GUMSI06	GUMSI08	GUMSI12	GUMSI16	GUMSI24	GUMSI36	GUMSI48	GUMSI72	Yellow
GUMT • GUMS											
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		Ø 1000 x 530 mm, Weight 18.0 kg		Ø 1250 x 688mm, Weight 93.0 kg		–
Std. delivery length	2100 ± 100 m		2100 ± 100 m		2100 ± 100 m		650 ± 100 m		650 ± 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