Indoor Mini-Breakout

GIMT   **I-V(ZN)H**
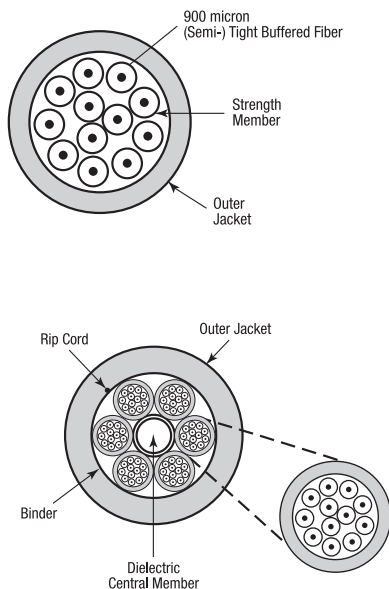**GIMS**   **I-K(ZN)H**

Applications

- Structured (premises) wiring systems: building backbone (riser) and/or horizontal cabling (Fiber To The Desk)
- Support all computer network applications such as FDDI, Gigabit Ethernet and ATM

Features & Benefits

- Available in sizes from 2 to 72 fibers
- 900 µm 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

Cross Section

900 micron
(Semi-) Tight Buffered Fiber

Strength
Member

Outer
Jacket

Rip Cord   Outer Jacket

Binder

Dielectric
Central Member

Specifications

IEC 60794-1-2	
Crush Resistance (E3):	4 kN/m
Min. Bend Radius dynamic (E6):	15 x Ø
Min. Bend Radius static (E11):	10 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 +55°C
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)
GIMT*02	GIMS*02	1 x 2	4.0	16	800	400	296
GIMT*04	GIMS*04	1 x 4	4.8	19	800	400	296
GIMT*06	GIMS*06	1 x 6	5.3	23	900	450	347
GIMT*08	GIMS*08	1 x 8	5.3	25	900	450	371
GIMT*12	GIMS*12	1 x 12	7.0	40	1000	500	622
GIMT*16	GIMS*16	1 x 16	8.0	49	1000	500	845
GIMT*24	GIMS*24	1 x 24	9.0	67	1200	600	1082
GIMT*36	GIMS*36	3 x 12	17.0	224	5400	2700	2132
GIMT*48	GIMS*48	4 x 12	18.0	260	5400	2700	2700
GIMT*72	GIMS*72	6 x 12	23.0	398	6000	3000	3900

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
GIMT • Tight Buffer											
62.5/125-OM1	GIMT102	GIMT104	GIMT106	GIMT108	GIMT112	GIMT116	GIMT124	GIMT136	GIMT148	GIMT172	Orange
50/125-OM2	GIMT202	GIMT204	GIMT206	GIMT208	GIMT212	GIMT216	GIMT224	GIMT236	GIMT248	GIMT272	Orange
50/125-OM3	GIMT302	GIMT304	GIMT306	GIMT308	GIMT312	GIMT316	GIMT324	GIMT336	GIMT348	GIMT372	Aqua
50/125-OM3 Flex	GIMTD02	GIMTD04	GIMTD06	GIMTD08	GIMTD12	GIMTD16	GIMTD24	GIMTD36	GIMTD48	GIMTD72	Aqua
50/125-OM4	GIMT602	GIMT604	GIMT606	GIMT608	GIMT612	GIMT616	GIMT624	GIMT636	GIMT648	GIMT672	Erika-Violet (RAL 4003)
50/125-OM4 Flex	GIMTE02	GIMTE04	GIMTE06	GIMTE08	GIMTE12	GIMTE16	GIMTE24	GIMTE36	GIMTE48	GIMTE72	Erika-Violet (RAL 4003)
9/125 ITU G.657A1	GIMTA02	GIMTA04	GIMTA06	GIMTA08	GIMTA12	GIMTA16	GIMTA24	GIMTA36	GIMTA48	GIMTA72	Yellow
9/125 ITU G.657A2	GIMTF02	GIMTF04	GIMTF06	GIMTF08	GIMTF12	GIMTF16	GIMTF24	GIMTF36	GIMTF48	GIMTF72	Yellow
9/125 ITU G.657B3	GIMTI02	GIMTI04	GIMTI06	GIMTI08	GIMTI12	GIMTI16	GIMTI24	GIMTI36	GIMTI48	GIMTI72	Yellow
GIMS • Semi-Tight Buffer											
62.5/125-OM1	GIMS102	GIMS104	GIMS106	GIMS108	GIMS112	GIMS116	GIMS124	GIMS136	GIMS148	GIMS172	Orange
50/125-OM2	GIMS202	GIMS204	GIMS206	GIMS208	GIMS212	GIMS216	GIMS224	GIMS236	GIMS248	GIMS272	Orange
50/125-OM3	GIMS302	GIMS304	GIMS306	GIMS308	GIMS312	GIMS316	GIMS324	GIMS336	GIMS348	GIMS372	Aqua
50/125-OM3 Flex	GIMSD02	GIMSD04	GIMSD06	GIMSD08	GIMSD12	GIMSD16	GIMSD24	GIMSD36	GIMSD48	GIMSD72	Aqua
50/125-OM4	GIMS602	GIMS604	GIMS606	GIMS608	GIMS612	GIMS616	GIMS624	GIMS636	GIMS648	GIMS672	Erika-Violet (RAL 4003)
50/125-OM4 Flex	GIMSE02	GIMSE04	GIMSE06	GIMSE08	GIMSE12	GIMSE16	GIMSE24	GIMSE36	GIMSE48	GIMSE72	Erika-Violet (RAL 4003)
9/125 ITU G.657A1	GIMSA02	GIMSA04	GIMSA06	GIMSA08	GIMSA12	GIMSA16	GIMSA24	GIMSA36	GIMSA48	GIMSA72	Yellow
9/125 ITU G.657A2	GIMSF02	GIMSF04	GIMSF06	GIMSF08	GIMSF12	GIMSF16	GIMSF24	GIMSF36	GIMSF48	GIMSF72	Yellow
9/125 ITU G.657B3	GIMSI02	GIMSI04	GIMSI06	GIMSI08	GIMSI12	GIMSI16	GIMSI24	GIMSI36	GIMSI48	GIMSI72	Yellow
GIMT • GIMS											
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