

Indoor Breakout

GIBT
GIBS

I-V(ZN)HH
I-K(ZN)HH



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 24 fibers
- 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
- 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

Specifications

IEC 60794-1-2

Crush Resistance (E3):

– Cable	7.5 kN/m
– Fiber Unit	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	-5°C to +55°C

Stripping (E5), Semi-Tight:

– Secondary coating	> 30 cm
– Primary and Secondary	> 10 mm

Stripping (E5), Tight:

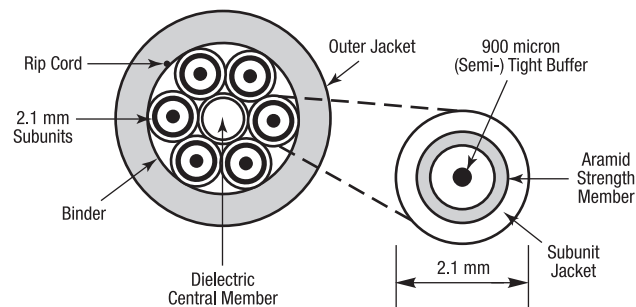
– Secondary coating	> 10 cm
– Primary and Secondary	> 10 mm

Other

Flame Retardant:	IEC 60332-3-24
Halogen Free:	IEC 60754-1
Non Corrosive:	IEC 60754-2
Smoke Density:	IEC 61094-2



Cross Section



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)
GIBT*02	GIBS*02	2	5.3	25	800	400	379
GIBT*04	GIBS*04	4	6.2	31	800	400	507
GIBT*06	GIBS*06	6	8.0	59	1200	600	928
GIBT*08	GIBS*08	8	9.4	77	1600	800	1235
GIBT*12	GIBS*12	12	10.5	87	2400	1200	1424
GIBT*24	GIBS*24	24	14.3	175	4800	2400	2677

Note: Buffer diameter 0.90 ± 0.05 mm

Ordering Information

Fiber Type/Count	2	4	6	8	12	24	Jacket Color
GIBT • Tight Buffer							
62.5/125-OM1	GIBT102	GIBT104	GIBT106	GIBT108	GIBT112	GIBT124	Orange
50/125-OM2	GIBT202	GIBT204	GIBT206	GIBT208	GIBT212	GIBT224	Orange
50/125-OM3	GIBT302	GIBT304	GIBT306	GIBT308	GIBT312	GIBT324	Aqua
50/125-OM3 Flex	GIBTD02	GIBTD04	GIBTD06	GIBTD08	GIBTD12	GIBTD24	Aqua
50/125-OM4	GIBT602	GIBT604	GIBT606	GIBT608	GIBT612	GIBT624	Erika-Violet (RAL 4003)
50/125-OM4 Flex	GIBTE02	GIBTE04	GIBTE06	GIBTE08	GIBTE12	GIBTE24	Erika-Violet (RAL 4003)
9/125 ITU G.657A1	GIBTA02	GIBTA04	GIBTA06	GIBTA08	GIBTA12	GIBTA24	Yellow
9/125 ITU G.657A2	GIBTF02	GIBTF04	GIBTF06	GIBTF08	GIBTF12	GIBTF24	Yellow
9/125 ITU G.657B3	GIBTI02	GIBTI04	GIBTI06	GIBTI08	GIBTI12	GIBTI24	Yellow
GIBS • Semi-Tight Buffer							
62.5/125-OM1	GIBS102	GIBS104	GIBS106	GIBS108	GIBS112	GIBS124	Orange
50/125-OM2	GIBS202	GIBS204	GIBS206	GIBS208	GIBS212	GIBS224	Orange
50/125-OM3	GIBS302	GIBS304	GIBS306	GIBS308	GIBS312	GIBS324	Aqua
50/125-OM3 Flex	GIBSD02	GIBSD04	GIBSD06	GIBSD08	GIBSD12	GIBSD24	Aqua
50/125-OM4	GIBS602	GIBS604	GIBS606	GIBS608	GIBS612	GIBS624	Erika-Violet (RAL 4003)
50/125-OM4 Flex	GIBSE02	GIBSE04	GIBSE06	GIBSE08	GIBSE12	GIBSE24	Erika-Violet (RAL 4003)
9/125 ITU G.657A1	GIBSA02	GIBSA04	GIBSA06	GIBSA08	GIBSA12	GIBSA24	Yellow
9/125 ITU G.657A2	GIBSF02	GIBSF04	GIBSF06	GIBSF08	GIBSF12	GIBSF24	Yellow
9/125 ITU G.657B3	GIBSI02	GIBSI04	GIBSI06	GIBSI08	GIBSI12	GIBSI24	Yellow
GIBT • GIBS							
Std. plastic reel (non-returnable)	Ø 800 x 475 mm, Weight 7.65 kg		Ø 1000 x 530 mm, Weight 18.0 kg		Ø 1250 x 688 mm, Weight 93.0 kg		–
Std. delivery length	2100 ± 100 m		2100 ± 100 m		2100 ± 100 m		–