

## Interconnect Cables

### Indoor

De- scription	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size μm	Nom. Buffer/ Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Re- sistance kN/m	Energy kJ/m	Bending radii cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

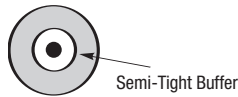
**GIOK • Pigtails • Semi-Tight Buffer • Excellent Strippability • I-K**

**Dry Construction • Halogen-Free Jacket** (Blue, Green, Green with Black Rings or Yellow)

-30/70°C	IEC 60332-2	6888	2100	3.1	1.4	Ø 245 ± 10				-			no	3	4	19		
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GIOK101	1	62.5/125 OM1 in Blue										0.04	0.9	25	35
GIOK201	1	50/125 OM2 in Green										0.04	0.9	25	35
GIOK301	1	50/125 OM3 in Green with Black rings										0.04	0.9	25	35
GIOK401	1	50/125 OM2e in Green										0.04	0.9	25	35
GIOK901	1	9/125 OS1 in Yellow										0.04	0.9	25	35



Strippability secondary coating = 100 cm

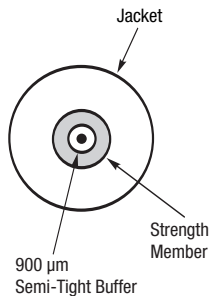
**GIPS • Simplex • Semi-Tight Buffer • Excellent Strippability • I-W(ZN)H**

**Jelly-Filled Construction • Orange FRNC/LSNH Jacket**

-5/55°C	IEC 60332-1	6888	2100	32.9	14.9	Ø 245 ± 10				Reinforced Aramid Yarn			no	200	10	128		
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GIPSxA1																			0.06	1.6	24	32
GIPSxB1																			0.07	1.8	27	36
GIPSxC1																			0.08	2.0	30	40
GIPSxD1																			0.09	2.4	36	48
GIPSxE1																			0.11	2.8	42	56
GIPSxF1																			0.12	3.0	45	60



Strippability secondary coating = 100 cm  
Color Code: see chart page 16.23

Optical characteristics see page 16.21.

## Interconnect Cables

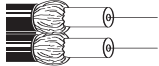
### Indoor

De- scription	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size µm	Nom. Buffer/ Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Re- sistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

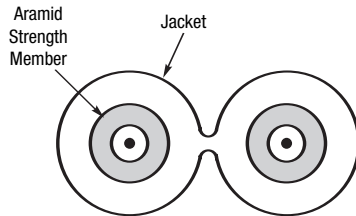
**GIPS • Duplex • Figure 8 • Semi-Tight Buffer • Excellent Strippability • I-W(ZN)H**

**Jelly-Filled Construction • Orange FRNC/LSNH Jacket**

-5/55°C	IEC 60332-1	6888	2100	65.3	29.6	∅ 245 ± 10	Reinforced Aramid Yarn	no	400	20	256							
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GIPSxA2									0.13	3.3							33	50
GIPSxB2									0.15	3.7							37	56
GIPSxC2									0.16	4.1							41	62
GIPSxD2									0.19	4.9							49	74
GIPSxE2									0.22	5.7							57	86
GIPSxF2									0.24	6.1							61	92

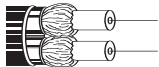


Strippability secondary coating = 100 cm  
Color Code: see chart page 16.23

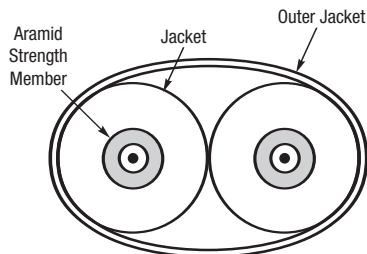
**GIPK • Heavy Duplex • Semi-Tight Buffer • Excellent Strippability • I-K(ZN)HH**

**Dry Construction • Orange FRNC/LSNH Jacket**

-5/55°C	IEC 60332-1	6888	2100	115.3	52.3	∅ 245 ± 10	Reinforced Aramid Yarn	no	400	20	256							
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GIPKxA2									0.17	4.3							43	65
GIPKxB2									0.19	4.7							47	71
GIPKxC2									0.20	5.1							51	77
GIPKxD2									0.23	5.9							59	89
GIPKxE2									0.26	6.7							67	101
GIPKxF2									0.28	7.1							71	107



Strippability secondary coating = 100 cm  
Color Code: see chart page 16.23

Optical characteristics see page 16.21.

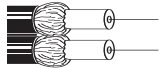
## Interconnect Cables

Indoor

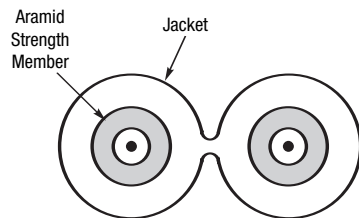
De- scription	Part No.	No. of Fibers	Standard Lengths		Standard Unit Weight		Fiber Size μm	Nom. Buffer/ Tube OD		Strength Members	Nominal OD		Central Element mm	Pulling Tension N	Crush Re- sistance kN/m	Energy kJ/m	Bending Radii Cable (mm)	
			ft.	m	lbs.	kg		inch	mm		inch	mm					static	dyna- mic

**GIPT • Mini-Zip • Figure 8 • Tight Buffer • I-V(ZN)H**

Dry Construction • Orange FRNC/LSNH Jacket																			
-30/70°C	IEC 60332-1		6888	2100	26.4	12.0	Ø 280 ± 15			Reinforced Aramid Yarn		no	400	20	19				



GIPTxA2												0.13	3.4					34	51
GIPTxB2												0.15	3.9					39	58



Color Code: see chart page 16.23

Optical characteristics see page 16.21.

## Interconnect Cables – Simplex and Duplex

### Tight Buffer – Plenum Rated

#### Applications

- Patch panels
- Workstation equipment connections
- Horizontal distribution in open office environments

#### Product Description

Interconnect cables are designed for low fiber-count premises environments. They are small and very flexible, making them ideal for confined spaces. Their aesthetic appearance makes these cables suitable for use in open office environments. Available in 1 or 2 fibers. One sub-unit is marked to permit easy identification of transmit and receive fibers. Length markings to facilitate installation.

<b>Jacket Material</b>	PVC
<b>Tight Buffer</b>	PVC
<b>Strength Member</b>	Aramid Yarn
<b>Color Code (Tight Buffer)</b>	Per EIA/TIA 598-A, see page 16.24
<b>Jacket Color</b>	
Single-mode	Yellow
62.5/125 μm	Orange
50/125 μm/1 Gbe	Orange
50/125 μm/10 Gbe	Aqua

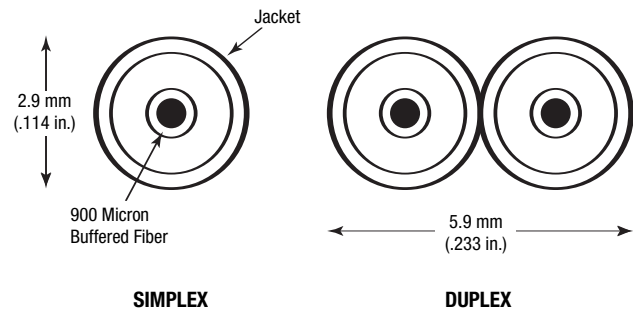
#### Ratings

<b>Plenum</b>	
UL Type	OFNP
cUL Type	OFN FT6
Flame resistance	NFPA 262

#### Specifications

<b>Temperature Range</b>	
Storage	-40 to +70°C
Operating	-20 to +70°C
<b>Crush Resistance (EIA-455-41)</b>	200 N/cm
<b>Impact Resistance (EIA-455-25)</b>	20 Impacts @ 1.0 N-m
<b>Cyclic Flexing (EIA-455-104)</b>	2000 cycles, min.
<b>Min. Bend Radius</b>	
Installation	15xOD
Long term	10xOD
<b>Optical Specifications</b>	see page 16.24

#### Fiber Bundle Detail



No. of Fibers	Belden Part Number				Outside Diameter		Weight		Max. Install Load	
	62.5/125 μm Std./1 Gbe	50.0/125 μm Std./1 Gbe	50.0/125 μm 10 Gbe - 300M	Single-Mode Enhanced	inch	mm	lbs./1000'	kg/km	lbs.	N

#### Interconnect Cable Series

Plenum (NEC/CEC OFNP/OFN FT6)										
1	M98086	M9A003	M9C003	M9W003	0.114	2.9	6	9	90	400
2	M96919	M9A004	M9C004	M9W004	0.11 x 0.23	2.9 x 5.9	13	19	180	801