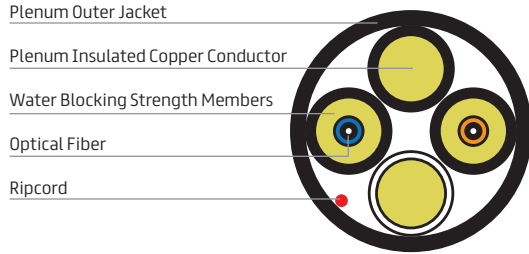


GenSPEED® Fiber-Copper Hybrid Cable

Distributed Antenna System (DAS) Applications

Prysmian



OVERVIEW

GenSPEED's indoor plenum hybrid cable designs facilitate in-building security networks. These cables incorporate either 12 or 16 AWG copper conductors for remote powering with color coded tight buffer simplex fiber cables for data transmission. The overall installation burden is reduced by integrating these two vital network functions into a common cable sheath.

These cables combine a robust, flame retardant jacket material with our extensive portfolio of single-mode and multimode optical fibers. Because of its application diversity, this advanced product eliminates the necessity/expense for traditional cable transition points once required in legacy systems. This design has been evaluated to the applicable sections of UL 13 (UL Standard for Safety for Power-Limited Circuit Cables).

SPECIFICATIONS & RATINGS

Application	Versatile indoor plenum rated cable designed for security network power and data feed requirements. Available with different wire gauge sizes (12 or 16 AWG) to accommodate variety of placement options. Plenum rating with complementary reduced flame and smoke capability.
Construction	Hybrid
Flame Rating	Plenum (CL3P)
Fiber Count	2
Fiber Types	Single-Mode (Bend-Insensitive)- ITU G.657.A2 & B2, Multimode (50/125-OM4, 62.5/125 - OM1)
Standards	TIA/EIA-568, ANSI/ICEA S-83-596, UL-13, CE RoHS Compliant

FEATURES & BENEFITS

- Integrates copper power conductors with bend-insensitive optical fibers under a common sheath
- Plenum flame listing enables unrestricted routing within available pathways
- Facilitates placement of security remote units within buildings
- Fiber identification using TIA standardized color coding
- Flame-retardant and plenum compliant meeting NFPA-262
- Available with bend-insensitive single-mode and multimode optical fibers
- Will support all high performance networks including OM4/10 gigabit ethernet systems

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Hybrid Plenum Cable (Indoor) - CL3P

Part Number for Cable Assembly	Cable lb/1000' (kg/km)	Jacket Outer Diameter Inches (mm)	Fiber Outer Diameter Inches (mm)	Fiber Type	Conductor Count	AWG Size	Bend Radius LOAD Inches (cm)	Bend Radius No LOAD Inches (cm)
DAS-02-12-02BXP	69 (103)	0.32 (8.1)	0.11 (2.9)	BIF SM	2	12	3.2 (8.1)	6.4 (16.2)
DAS-02-12-02G6P	69 (103)	0.32 (8.1)	0.11 (2.9)	OM1 MM	2	12	3.2 (8.1)	6.4 (16.2)
DAS-02-12-02G4P	69 (103)	0.32 (8.1)	0.11 (2.9)	OM4 MM	2	12	3.2 (8.1)	6.4 (16.2)
DAS-02-16-02BXP	35 (52)	0.23 (5.8)	0.08 (2.0)	BIF SM	2	16	2.3 (5.8)	4.6 (11.6)
DAS-02-16-02G6P	35 (52)	0.23 (5.8)	0.08 (2.0)	OM1 MM	2	16	2.3 (5.8)	4.6 (11.6)
DAS-02-16-02G4P	35 (52)	0.23 (5.8)	0.08 (2.0)	OM4 MM	2	16	2.3 (5.8)	4.6 (11.6)

Mechanical Specifications

Maximum installation load: 100 lbf (445 N)
Maximum operation load: 30 lbf (133 N)

Temperature Range

Shipping and Storage: -40° F to +158° F (-40° C to +70° C)
Installation: +32° F to +140° F (0° C to +60° C)
Operation: -32° F to +158° F (0° C to +70° C)