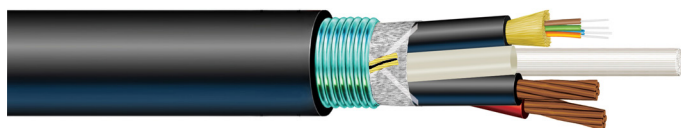




ezMOBILITY™ | Fiber-Copper Composite Cable

FTTA Feeder cable (8 AWG conductors)



Product Snapshot

Application	Deployment in Remote Radio Head (RRH) cell tower applications
Construction	Two (2) 8AWG copper conductors, one (1) subunit with four (4) tight buffered optical fibers, and two (2) filler rods stranded around a central strength member. Dry waterblocking technology utilized. A corrugated steel tape armor is formed around the cable core and an UV stabilized outer jacket is extruded over the steel tape armor.
Optical Fibers	Fiber Type: Dispersion-Unshifted Single-mode (bend-insensitive) Applicable Specifications: ITU-T G.652.D ITU-T G.657.A2 & B2
Attenuation	≤ 0.5 dB/Km @ 1310nm ≤ 0.5 dB/Km @ 1383nm ≤ 0.5 dB/Km @ 1550nm
Outside Diameter	18.5 mm (0.73 in) Nominal

Note. Cable damage may occur if installation temperature limits are exceeded; therefore, Prysmian Group recommends storing I/O cables in appropriate temperature conditions ≥ 24 hours prior to placement.

Environmental

Storage Temperature: -40°C to +80°C
Installation Temperature: -30°C to +70°C
Operating Temperature: -40°C to +80°C

Standards

CE RoHS Compliant

Registered Supplier

ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

Part Number

HF281A1J-04-BX-004



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Ordering Guide The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described in the example.

Example: ezMobility | outdoor single armor | four bend insensitive (G.657A2) tight buffer optical fibers | Two 8 AWG copper conductor.

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	HF28	1A1J	04	B2	004	EA

CABLE INFORMATION	
1 LENGTH MARKINGS	F = Feet or M = Meters
2 PRODUCT FAMILY	ezMOBILITY
a) Product Family	HF = ezMOBILITY Fiber/Copper Composite Feeder (FTTA)
b) Number of Conductors	2 = Two conductors 3 = Three conductors 4 = Four conductors 5 = Five conductors
c) Copper construction size	6 = 6 AWG 8 = 8 AWG
3 CONSTRUCTION	1A1J = Outside single armor with single PE jacket
4 FIBER GROUPING	Fibers per subunit (one subunit per cable)
	04 = four 900 µm tight buffer fibers in a subunit
	06 = six 900 µm tight buffer fibers in a subunit (6 AWG only)
	08 = eight 900 µm tight buffer fibers in a subunit (6 AWG only)

FIBER INFORMATION	
5 FIBER TYPE	SINGLE-MODE
	B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & B2 & G.652.D)
6 FIBER COUNT	002 to 008 fibers
7 FIBER GRADE	SINGLE-MODE
	Attenuation (dB/km) Wavelength (nm) Fiber Type
	EA = 0.5/0.5/0.5 1310/1383/1550 Bend-Insensitive Single-Mode

Other cable constructions and fiber performance grades available on request