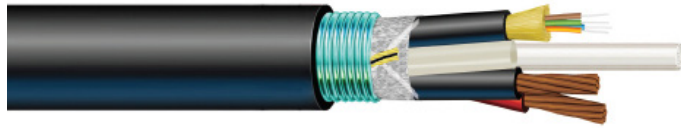




ezMOBILITY™ | Fiber-Copper Composite Cable

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
Environmental	Storage Temperature: -40°C to +80°C Installation Temperature: -30°C to +70°C Operating Temperature: -40°C to +80°C
Part Number	HF281A1J-04-BX-004

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.

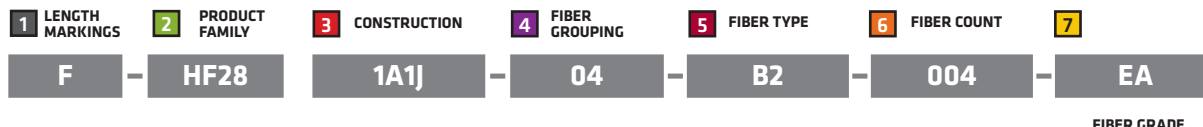


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Ordering Guide The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described in the example.

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



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

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