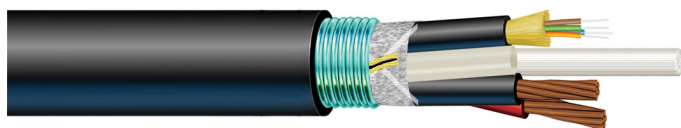


## ezMOBILITY™ | Fiber-Copper Composite Cable

FTTA Feeder cable (8 AWG conductors)



### Product Snapshot

<b>Application</b>	Deployment in Remote Radio Head (RRH) cell tower applications
<b>Construction</b>	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.
<b>Optical Fibers</b>	Fiber Type: Dispersion-Unshifted Single-mode (bend-insensitive)  Applicable Specifications: ITU-T G.652.D ITU-T G.657.A2 & B2
<b>Attenuation</b>	≤ 0.5 dB/Km @ 1310nm ≤ 0.5 dB/Km @ 1383nm ≤ 0.5 dB/Km @ 1550nm
<b>Outside Diameter</b>	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.

<b>Environmental</b>	Storage Temperature: -40°C to +80°C Installation Temperature: -30°C to +70°C Operating Temperature: -40°C to +80°C
<b>Standards</b>	CE RoHS Compliant
<b>Registered Supplier</b>	ISO 9001, ISO 14001, TL 9000, and OHSAS 18001
<b>Part Number</b>	HF281A1J-04-BX-004

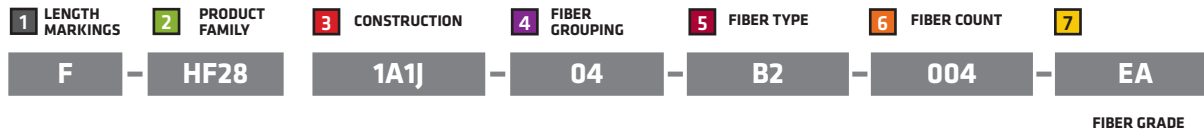


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**Ordering Guide** The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described in the example.

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



CABLE INFORMATION	
<b>1</b> LENGTH MARKINGS	F = Feet or M = Meters
<b>2</b> 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
<b>3</b> CONSTRUCTION	1A1J = Outside single armor with single PE jacket
<b>4</b> 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	
<b>5</b> FIBER TYPE	SINGLE-MODE
	B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & B2 & G.652.D)
<b>6</b> FIBER COUNT	002 to 008 fibers
<b>7</b> 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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