



# Hybrid Power and Optical Cable

**GNQAQ-HYBRID G657A2**

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## Features

- Fire retardant material for outdoor and indoor applications.
- Optical fiber SM G657A2 bend insensitive
- Flexible cable with 6xD bend radius
- Common screen of Al tape to ensure easy grounding by clamps
- Cable sizes 4, 6 and 10 mm<sup>2</sup>
- Color coded and number marked power cords
- Flame retardant IEC 60 332-1
- ROHS compliant

## Application

A robust and compact hybrid fiber cable for interconnecting power and optical links between main and remote units for outdoor and indoor radio base stations.

## Product Information

- 1 Power cable unit conductor: Stranded tin-plated copper wire class 5
- 2 Insulation: Flame retardant colored halogen-free thermoplastic compound
- 3 Optical cable unit: Tight buffered SM G657A2
- 4 Jacket (optical cable unit): Flame retardant weather protected Halogen free compound
- 5 Drain wire: Stranded tin-plated copper wire 6 mm<sup>2</sup>
- 6 Screen Aluminum tape
- 7 Ripcord: Aramid yarn
- 8 Jacket: Flame retardant halogen-free thermoplastic compound

## Technical Information

<b>Product Color</b>	Black
<b>Temperature, Operation [°C]</b>	-40 to +80
<b>Reaction to Fire</b>	EN 50575 B2ca - s1, d0
<b>Fiber Type</b>	G657A2
<b>Attenuation @Wavelength [nm]</b>	1310/1550
<b>Maximum Attenuation [dB/km]</b>	0.40/0.25
<b>Voltage Rating [V]</b>	100
<b>Conformance</b>	Flame resistance according to IEC 60332-1
<b>Marking</b>	Manufacturer, year and week of manufacture, product No., and length marking
<b>Ordering Information</b>	Supplied lengths: On request

## Articles 3

Article name	Color	Nb. of Fibers	Weight [kg/km]	Length [m]	Form of Delivery
<b>GNQAQ-HYBRID 6x6mm<sup>2</sup>/6xG657A2</b> TOL4077784/0603	Black	6	650	1140/K12	K12
<b>GNQAQ-HYBRID 12x6mm<sup>2</sup>/12xG657A2</b> TOL4077784/1206	Black	12	1280	1140/K16	K16
<b>GNQAQ-HYBRID 18x6mm<sup>2</sup>/18xG657A2</b> TOL4077784/1806	Black	18	1770	900/K16	K16