

PART NO. 850000GAA

U-D(ZN)(SR)H FE180 Fire Resistant (B2ca) Fiber Optic Cable

Detailed Specifications & Technical Data

CROSS SECTION



1 Optical Fiber Type
2 Tube Material
3 Tube Filling Compound Material
4 Dielectric Tensile Strength Member
5 Fire Barrier Material
6 Armor Material
7 Jacket Strip Method
8 Outer Jacket

APPLICATION

Temperature Range – Transportation	: -40 °C to 70 °C
Temperature Range – Storage	: -40 °C to 70 °C
Temperature Range – Installation	: -30 °C to 60 °C
Temperature Range – Operation	: -40 °C to 70 °C

CABLE CONSTRUCTION

Optical Fiber Type	: Single Mode / Multi Mode.
Tube Material	: Halogen-free Flame Retardant Polybutylene Terephthalate (HFFR PBT).
Tube Filling Compound Material	: Water-swellable yarn.
Dielectric Tensile Strength Member	: Water-swellable glass yarn.
Fire Barrier Material	: Two layer of mica tape is applied helically.
Armor Material	: Copolymer coated corrugated steel tape.
Jacket Strip Method	: 1 aramid ripcord.
Outer Jacket	: UV resistant, halogen-free outer jacket.

MARKING, PACKING & DELIVERY

Marking	: CAMCOM – Date of Manufacture – Fiber Count and Type – Length Marking
Packing	: Wooden drum with protection
Delivery Lengths	: 2 km, 4 km ± %5 tolerance

MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Test	Reference Standard	Specified Value
Maximum Tensile Strength	IEC 60794-1-21-E1	≥ 1200 N
Crush Resistance	IEC 60794-1-21-E3	1500 N/100 mm
Circuit Integrity	IEC 60331-25	FE180
Circuit Integrity with Shock	EN 50200	PH120
Smoke Density	IEC 61034-2	
Corrosive Gas	IEC 60754-2	
Halogen-Free	IEC 60754-1	
Flame Retardancy	IEC 60332-1-2	

CABLE TYPE DATA

CAMCOM Part No.
850000GAA

Camcom is proud to be certified by

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Designed in Netherlands & Produced Globally.

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Disclaimer :- Datasheet is subject to modification without prior notication

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