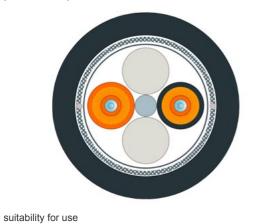
SIEMENS

Data sheet 6XV1873-3GT20

product type designation

product description



FO Ground Cable

Glass fiber-optic cable, preferred length, preassembled

FO Ground Cable 50/125, pre-assembled 2x2 BFOC connectors, insertion aid, length 200 m.

Waterproof cable (lengthwise and sideways) with non-metallic protection

Suitability for use	against rodents for use outdoors as well as for direct routing underground
version of the assembled FO cable	Assembled with four BFOC connectors
cable designation	AT-WQ(ZN)Y(ZN)B2Y 2G 50/125 OM2++
wire length	200 m
optical data	
attenuation factor per length	
• at 850 nm / maximum	2.7 dB/km
• at 1300 nm / maximum	0.7 dB/km
bandwidth length product	
• at 850 nm	600 GHz·m
• at 1300 nm	1200 GHz·m
nechanical data	
number of fibers / per FOC core	1
number of FO cores / per FOC cable	2
version of the FO conductor fiber	Multi-mode gradient fiber 50/125 µm, OM 2
design of the FOC core	Hollow core, filled, diameter 1400 μm
design of the fiber-optic cable	segmentable
outer diameter	
 of the optical fibers 	50 μm
 of the optical fiber sheath 	125 µm
 of the FOC core sheath 	2.9 mm
symmetrical deviation / of the outer diameter of the FOC core sheath	0.1 mm
outer diameter / of the cable	10.5 mm
symmetrical deviation / of the outer diameter of the line	0.5 mm
material	
 of the fiber-optic cable core 	Quartz glass
 of the optical fiber sheath 	Quartz glass
 of the FOC core sheath 	PVC
 of the fiber-optic cable sheath 	PE
of the strain relief	Aramid fibers
color	
 of the FOC core sheath 	orange/black
of cable sheath	Black
bending radius	
with single bend / minimum permissible	105 mm
with multiple bends / minimum permissible	155 mm
tensile load	

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