


Product-type designation	INDOOR fiber optic indoor cable
 <p>Product description</p> <p>Cable designation</p> <p>Cable length</p>	<p>SIMATIC NET, INDOOR FIBER OPTIC (62.5/125), FREE OF HALOGEN, RESIS. TO, TREADING, FLAME-RETARDANT GLASS FO CABLE FOR INDOOR INSTALLAT. PREASSEMBLED W. 4 BFOC CONNEC. L = 2 M</p> <p>Glass fiber-optic cable, preferred length, preassembled</p> <p>I-V(ZN)HH 2x1 G 62.5/125</p> <p>2 m</p>
Optical data	
<p>Damping ratio per length</p> <ul style="list-style-type: none"> • at 850 nm / maximum • at 1300 nm / maximum <p>Bandwidth length product</p> <ul style="list-style-type: none"> • at 850 nm • at 1300 nm 	<p>3.1 dB/km</p> <p>0.8 dB/km</p> <p>200 GHz·m</p> <p>600 GHz·m</p>
Mechanical data	
<p>Number of fibers / per FOC core</p> <p>Number of FOC cores / per FOC cable</p> <p>Design of the fiber-optic cable</p> <p>Outer diameter</p> <ul style="list-style-type: none"> • of optical fibers • of the optical fiber sheath • of the FOC core sheath <p>Symmetrical deviation / of the outer diameter of the FOC core sheath</p> <p>Width / of the cable sheath</p>	<p>1</p> <p>2</p> <p>Segmentable inner conductor</p> <p>62.5 µm</p> <p>125 µm</p> <p>2.9 mm</p> <p>0.1 mm</p> <p>6.8 mm</p>

Thickness / of the cable sheath	3.9 mm
Material	
<ul style="list-style-type: none"> • of the FOC core sheath • of the fiber-optic cable sheath 	FRNC FRNC
Color	
<ul style="list-style-type: none"> • of the cable sheath 	orange
Bending radius	
<ul style="list-style-type: none"> • with single bend / minimum permissible • with multiple bends / minimum permissible 	30 mm 50 mm
Traction stress / maximum	200 N
Short-term shear force per length	300 N/cm
Continuous lateral force per length	100 N/cm
Weight per length	30 kg/km
Permitted ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> • during operating • during storage • during transport • during installation 	-20 ... +60 °C -25 ... +70 °C -25 ... +70 °C -5 ... +50 °C
Protection class IP	IP20
Chemical resistance	
<ul style="list-style-type: none"> • to grease 	not resistant
Product properties, functions, components / general	
Product feature	
<ul style="list-style-type: none"> • halogen-free • silicon-free 	Yes Yes
Product component / Rodent protection	No
Cable length	
<ul style="list-style-type: none"> • for glass FOC <ul style="list-style-type: none"> • for 100BaseFX / for Industrial Ethernet / maximum • for 1000BaseSX / for Industrial Ethernet / maximum • for 1000BaseLX / for Industrial Ethernet / maximum • for glass FOC / for PROFIBUS / maximum 	4000 m 350 m 550 m 3000 m
Standards, specifications, approvals	
Verification of suitability	
<ul style="list-style-type: none"> • RoHS conformity 	Yes
letzte Änderung:	Aug 6, 2014