



CC-POF-cable

无卤无金属，塑料光纤电缆 / halogen- and metal free

ConCab kabel gmbh

ConCab kabel Mainhardt POF 2P 980/1000 CC



应用领域

CC-POF-cable (塑料光纤) 主要为数据技术和现场总线应用的简单和经济连接设计。最长距离可以达到 100 m，波长为 660 nm，取决于光纤衰减。更轻的 2Y-型更适合室内使用。附加的 PUR 外护套 (11Y)- 用于更恶劣的环境和动力供应拖链。CC-POF-cable 通过 POF-LWL 连接系统使安装尤为简便迅速。

application

The CC-POF-cable (plastic optical fibre) is designed for simple and economical connection in data technology and field bus applications. The maximum distance can be up to 100 m with a 660 nm wavelength depending on the fibre attenuation. The lighter 2Y-version is preferred for indoor use. The design with additional PUR-sheath (11Y) is for rougher environment as well as for power supply chains. The CC-POF-cables can be fitted exceptionally simply and fast with the popular POF connector systems.

构造

塑料阶跃折射率光纤 PMMA-, 外护套为 PE 和 PUR，外护套颜色为黑色。
 双重型：附加的芯线护套带芯线彩色印字，芯线可分。
 PUR (11Y)- 设计：附加的 PUR 外护套，外护套颜色为橙色 (RAL 2003).

construction

Plastic step index fibre, PE- resp. PUR-sheath, colour black.
 Duplex version: additional core sheath with core colour marking, cores are separable.
 PUR (11Y)-design: additional PUR outer sheath, Colour orange (RAL 2003).

技术数据 / technical data

光纤类型 / fibre type:	PMMA 阶梯折射率光纤 - step index fibre
芯线直径 / core diameter:	980µm
包层直径 / cladding diameter:	1.000µm
衰减 / attenuation:	200dB/km 在 /at 650nm
温度范围 / temperature range:	固定安装 / fixed installation: -20° C 至 /to +80° C 移动应用 / flexible application: -10° C 至 /to +60° C
弯曲半径 / bending radius:	固定安装 / fixed installation: 10 x d 外径 -Ø / outer-Ø 移动应用 / flexible application: 15 x d 外径 -Ø / outer-Ø

物料编码 / 参考号 part-no. / reference	类型 type	尺寸 dimension Ø mm	max. 最大载荷力 max. tensile load N	电缆重量 weight kg/km
01 0980 0100	I-V2Y 1P980/1000	2,2	120	4
01 0980 0200	I-V2Y 2P980/1000	2,2 x 4,4	230	7
02 0980 0108	I-V2Y11Y 1P980/1000	5	200	28
02 0980 0208	I-V2Y11Y 2P980/1000	5,5	300	35