

SCHOTT® Automotive Datacom

rigid solutions



Product Characteristics

Rigid datacom components from SCHOTT are designed for use in vehicles. Due to their outstanding characteristics they fulfil the directive of the European Union 2000/53/EC and its amendments as also the VDA list 232-101. Due to their physical characteristics they stand the indicated temperature requirements. The glass components may also be used in other challenging environments or higher temperature ranges like in engine compartments or chassis areas.

Technical Specifications

diameter optical surface	Ø 1.0 mm manufactured
numerical aperture	0.58
transmission at 650 nm	< 1 dB at typical application length
transmission at 850 nm	< 1 dB at typical application length
standard outer diameter	Ø 1,1 ± 0.05 mm
temperature resistance	- 40 to + 300 °C
Chemical resistance	Resistant against automotive media
Burning behaviour	Non burnable
Attenuation per Coupling:	Depends on the connector system

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