

IE-FPOB2EG-500

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Bulk stock, FO cable, POF

General ordering data

Version	System cable, 980 µm, Polyethylene
Order No.	2781950000
Type	IE-FPOB2EG-500
GTIN (EAN)	4064675057109
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	24,500 g
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Temperatures

Storage temperature	-30 °C...70 °C	Operating temperature	-30 °C...70 °C
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Technical specifications for cable

Bending cycles	10.000	Colour coding	orange, black
Halogen	No	Number of wires	2
Sheathing colour	green		

Fibre-optic

Attenuation	≤ 160 dB/km at 650 nm	Bandwidth	> 35 MHz*100 m at 650 nm
Fibre type	POF	Numerical aperture	0.5

Cable structure

Cable layout	Mini-Breakout	Colour coding	orange, black
Core diameter	980 µm	Diameter of wire pair	2.2 mm
Material sheath	Polyethylene	Number of wires	2
Primary coating	245 µm	Sheath diameter, max.	7.5 mm
Sheathing colour	green	Tensile force, max.	1,000 N

Mechanical and material properties of cable

Bending cycles	10.000	Colour	green
Halogen	No		

Classifications

ETIM 6.0	EC000034	ETIM 7.0	EC000034
ETIM 8.0	EC000034	ETIM 9.0	EC000034
ETIM 10.0	EC000034	ECLASS 9.0	27-06-18-03
ECLASS 9.1	27-06-90-90	ECLASS 10.0	27-06-18-03
ECLASS 11.0	27-06-18-03	ECLASS 12.0	27-06-18-03
ECLASS 13.0	27-06-18-03	ECLASS 14.0	27-06-18-03
ECLASS 15.0	27-06-18-03		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	PROFINET Manufacturer's Declaration
Catalogues	Catalogues in PDF-format

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Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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Drawings

Detailed drawing

