



Type EW-LS



Product information

The EW-LS cable protection conduits are made of specially modified polyethylene. The material is halogen, phosphor and cadmium-free. The EW-LS cable protection conduits are characterised by excellent flexibility and good flexural fatigue strength. For light mechanical loads in mechanical and plant engineering. (e.g. bundling of cables at the control cabinet door)

The longitudinal slot enables pre-assembled cables to be easily fitted and existing systems to be repaired.

Information, conformities and approvals



Article	Order No.	Color	metric	PG	NW	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	PU m
EW-LS M25/P21	83101160	Black	M25	PG21	NW 23	22.4	28.3	70/-	8.2	50
EW-LS-M12/P9	83102412	Gray	M12	PG09	NW 10	9.8	13	40/-	2.4	50
EW-LS-M16/P11	83102414	Gray	M16	PG11	NW 12	12	15.8	45/-	3.4	50
EW-LS-M20/P16	83102416	Gray	M20	PG16	NW 17	15.8	21	55/-	5.4	50

Material properties



mod. polyethylene



High angle consistency

>60 N 50 x 50 mm According to IEC EN 61386 M25/P21 Testing at 23 °C
>110 N 100 x 100 mm According to IEC EN 61386 M25/P21 Testing at 23 °C



Flexural fatigue strength

>4000 Cycles According to IEC EN 61386 M25/P21 Testing at -45 °C



System tear-out strength

>160 N According to IEC EN 61386 M25/P21 Testing at 23 °C Fitting SVT



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Thermal properties



Temperature / temperature range

-20 °C - 70 °C / short term: 90 °C

Fire properties



Fire classification

acc. to UL94: HB

Chemical resistances



Resistant to:

Fuels
Weak acids
Mineral oils
Greases

Technical information



Halogen-free

Conformity



RoHS (EC Directive 2011/65/EU)

Classification

ETIM 9: EC001175
ECLASS 14: 27430305
UNSPSC 26.0801: 39131601

General information



Made in Germany