

TECHNICAL DATA SHEET

PMA Accessories - BES - Conduit end support sleeve**PMA****Applications:**

- Within PMA robotic/automation conduits in connection with PMA connection parts

Features & Benefits:

- Increases the maximum system pull-out strength
- Very good chemical properties
- Fits conduit profile - coarse (G)

Materials:

- High-grade, specially formulated polyamide 6

Compatible with:

- With PMA robotic/automation conduit types XR90, XTPC, PIS/PIH and PUE, all with coarse profile

Colour:

- Black

Chemical properties:

- Please refer to www.pma.ch
(Technical Information / Chemical Resistance)

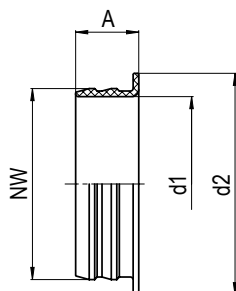
Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

Product selection:

Part no.	Conduit size	Dimensions in mm (nom.)			Weight	Packing unit
black	NW	d1	d2	A	kg/100 pcs	pcs/PU
BES-48G	48	43.5	51.0	18.0	0.8	10
BES-70G	70	63.0	80.0	23.0	1.3	10

Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time



Mechanical Properties:	Value:	Test parameters:	Test method:
Tensile modulus	1'200 ... 3'700 N/mm ²		ISO 527
Tensile strength	45 ... 65 N/mm ²		ISO 527
Notched bar impact test	4 ... 20 kJ/m ²		ISO 180/1C

Thermal properties:	Value:	Test parameters:	Test method:
Continuous application temperature	-50 ... +105°C		PMA DO 9.21-4510
Upper application temperature	+120°C	(20'000 h)	PMA DO 9.21-4360
Short-term	+160°C	(168 h)	PMA DO 9.21-4360

Content of delivery:

- Internal conduit support sleeve

Assembly instructions:

- For correct installation of BES-48G support sleeve, the NW48 conduit must be cut in the trough of the corrugation.
For correct installation of BES-70G support sleeve, the NW70 conduit must be cut on the crest of the corrugation.

ABB Switzerland Ltd,
PMA Cable Protection
Aathalstrasse 90
8610 Uster, Switzerland
Phone: +41 58 585 00 11
pma-info@ch.abb.com
www.pma.ch

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