

System supports



Distributors



BFH-0	BGL/BGH SGB		BGPS	BVYD/BVYR		BVTD/BVTR	
PA6	polyamide	metal					
PMACLIP System support	Tube clamp		Heavy system support	PMAFIX Y piece		PMAFIX T piece	
				IP66	IP68	IP66	IP68

BFH-07-0	BGL-07	SGB-07	-	BVYD-100707GT	BVYR-100707	BVTD-101010GT	BVTR-101010
BFH-10-0	BGL-10	SGB-09	-	BVYD-121010GT	BVYR-121010	BVTD-121212GT	BVTR-121212
BFH-12-0	BGL-12	SGB-11	-	BVYD-171212GT	BVYR-171212	BVTD-171717GT	BVTR-171717
BFH-17-0	BGL-17	SGB-16	BGPS-17	BVYD-231717GT	BVYR-231717	BVTD-232323GT	BVTR-232323
BFH-23-0	BGH-23	SGB-21	BGPS-23	BVYD-292323GT	BVYR-292323	BVTD-292929GT	BVTR-292929
BFH-29-0	BGH-29	SGB-29	BGPS-29	BVYD-362929GT	BVYR-362929	BVTD-363636GT	BVTR-363636
BFH-36-0	BGH-36	SGB-36	BGPS-36	BVYD-483636GT	BVYR-483636	BVTD-484848GT	BVTR-484848
BFH-48-0	BGH-48	SGB-48	BGPS-48				



NVNV	NVAV	NVWV	NVBV	NVNZ	GMM
Metal thread	Metal thread	Metal thread	Metal thread	Metal thread	Hexagonal lock nut, brass
PMAFIX straight	PMAFIX 45° elbow	PMAFIX 90° elbow	PMAFIX 90° curved elbow	PMAFIX with strain relief	
IP68	IP68	IP68	IP68	IP68	

-	-	-	-	-	-
-	-	-	-	-	-
NVNV-M120-10 / -5	NVAV-M120-10	NVWV-M120-10	-	NVNZ-M120S/P*	GMM-M12
NVNV-M160-10 / -5	-	NVWV-M160-10	-	NVNZ-M160S/P*	-
NVNV-M162-10 / -5	NVAV-M162-10	NVWV-M162-10	-	-	GMM-M16
NVNV-M202-10 / -6	-	NVWV-M202-10	-	NVNZ-M202S/P*	-
NVNV-M207-10 / -6	NVAV-M207-10	NVWV-M207-10	NVBV-M207-10	NVNZ-M207S/P*	GMM-M20
NVNV-M257-11 / -7	NVAV-M257-11	-	NVBV-M257-11	NVNZ-M257S/P*	-
NVNV-M253-11 / -7	NVAV-M253-11	NVWV-M253-11	NVBV-M253-11	NVNZ-M253S/P*	GMM-M25
NVNV-M323-13 / -8	NVAV-M323-13	-	NVBV-M323-13	NVNZ-M323S/P*	-
NVNV-M329-13 / -8	NVAV-M329-13	NVWV-M329-13	NVBV-M329-13	NVNZ-M329S/P*	GMM-M32
NVNV-M409-13 / -8	NVAV-M409-13	-	NVBV-M409-13	NVNZ-M409S/P*	-
NVNV-M406-13 / -8	NVAV-M406-13	NVWV-M406-13	NVBV-M406-13	NVNZ-M406S/P*	GMM-M40
NVNV-M506-14 / -9	NVAV-M506-14	-	NVBV-M506-14	NVNZ-M506S/P*	-
NVNV-M508-14 / -9	NVAV-M508-14	NVWV-M508-14	NVBV-M508-14	NVNZ-M508S/P*	GMM-M50
NVNV-M638-14 / -10	NVAV-M638-14	NVWV-M638-14	NVBV-M638-14	NVNZ-M638S/P*	GMM-M63

* various sealing inserts available

ABB Switzerland Ltd.

PMA Cable Protection
Aathalstrasse 90
CH-8610 Uster
Phone +41 58 585 00 11
pma-info@ch.abb.com

www.pma.ch

abb.com

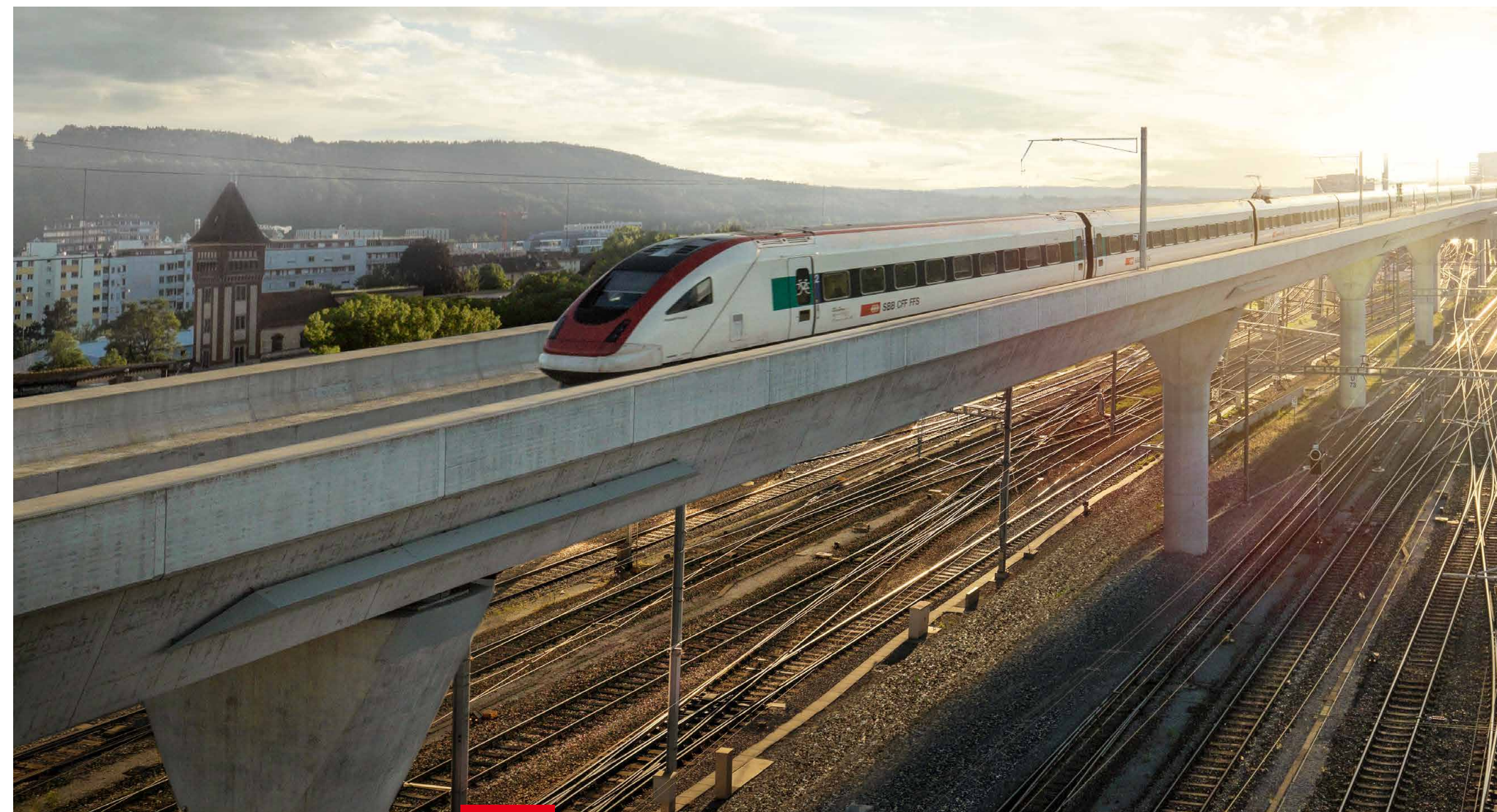


To order/download our catalogues please refer to: www.pma.ch

Note
We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB AG.

© Copyright 2018 ABB. All rights reserved. Specifications subject to change without notice.



Cable protection systems

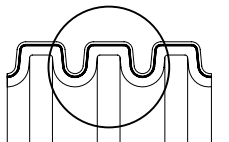
A selection from over 7500 products

Standard conduit types

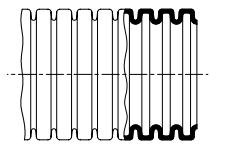


Products	PCL	XSOL	CYL	VOH	PIS	PCS	VCS	VAM	VAML	LLPA	LLPO	ESD	CUS	PHT																	
Approvals																															
Material	PA6	PA12/PA6	PA6	PA6	PA12	PA12	PA6	PA6	PA6	PA6	PP	PA12	PA6	TPE-A																	
Characteristics	Very flexible, medium-duty conduits	Highly flexible, medium-duty conduits	Very flexible, medium-duty conduits	Flexible, very heavy-duty conduits	Highly flexible, medium-duty conduits	Highly flexible, heavy-duty conduits	Flexible, heavy-duty conduits	Flexible, heavy-duty conduits	Very flexible, medium-duty conduits	Very flexible, medium-duty conduits	Very flexible, light-duty conduits	Very flexible, medium-duty conduits	Very flexible, medium-duty conduits	Highly flexible conduits medium-duty heavy-duty																	
Conduit size metric																															
Conduit size Nominal Width																															
10	07	PCLT-07B	-	-	-	CYLT-07B	-	VOHD-07B	-	PIST-07B	-	PCST-07B	-	VCST-07B	-	-	-	-	-	-	-	-	-	-	-	-	PHTT-07B	-			
12	10	PCLT-10B	-	XSOLT-10BG	-	CYLT-10B	-	VOHD-10B	-	PIST-10B	-	PCST-10B	-	VCST-10B	-	VAMT-10B	-	VAMLT-10B	-	LLPA-10A	-	LLPO-10A	-	ESDT-10B	-	-	-	-	-	PHTT-10B	-
16	12	PCLT-12B	-	XSOLT-12BG	-	CYLT-12B	-	VOHD-12B	-	PIST-12B	-	PCST-12B	-	VCST-12B	-	VAMT-12B	-	VAMLT-12B	-	LLPA-12A	-	LLPO-12A	-	ESDT-12B	-	-	-	-	-	PHTT-12B	-
20	17	PCLT-17B	PCLG-17B	XSOLG-17BG	CYLT-17B	-	-	VOHG-17B	PIST-17B	PISG-17B	PCST-17B	PCSG-17B	-	VCSG-17B	-	VAMG-17B	-	VAMLG-17B	LLPA-17A	LLPAG-17A	LLPO-17A	-	ESDT-17B	-	-	CUSG-17B	PHTT-17B	PHTG-17B	-	-	
25	23	-	PCLG-23B	XSOLG-23BG	-	CYLG-23B	-	VOHG-23B	PIST-23B	PISG-23B	-	PCSG-23B	-	VCSG-23B	-	VAMG-23B	-	VAMLG-23B	LLPA-23A	LLPAG-23A	LLPO-23A	-	ESDT-23B	-	-	CUSG-23B	PHTT-23B	PHTG-23B	-	-	
32	29	-	PCLG-29B	XSOLG-29BG	-	CYLG-29B	-	VOHG-29B	PIST-29B	PISG-29B	-	PCSG-29B	-	VCSG-29B	-	VAMG-29B	-	VAMLG-29B	LLPA-29A	LLPAG-29A	LLPO-29A	-	ESDT-29B	-	-	CUSG-29B	-	PHTG-29B	-	-	
40	36	-	PCLG-36B	XSOLG-36BG	-	CYLG-36B	-	VOHG-36B	PIST-36B	PISG-36B	-	PCSG-36B	-	VCSG-36B	-	VAMG-36B	-	VAMLG-36B	LLPA-36A	LLPAG-36A	LLPO-36A	-	ESDT-36B	-	-	CUSG-36B	-	PHTG-36B	-	-	
50	48	-	PCLG-48B	XSOLG-48BG	-	CYLG-48B	-	VOHG-48B	PIST-48B	PISG-48B	-	PCSG-48B	-	VCSG-48B	-	VAMG-48B	-	VAMLG-48B	LLPA-48A	LLPAG-48A	LLPO-48A	-	ESDT-48B	-	-	CUSG-48B	-	PHTG-48B	-	-	

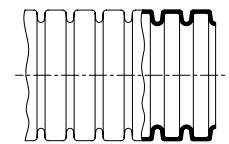
Other conduits on request. All product numbers are for black components. Grey and other colours on request.



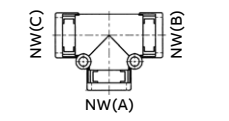
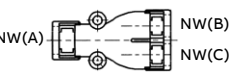
X*** = Multilayer conduit



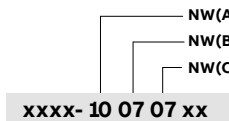
Fine profile T
Tight bending radius



Coarse profile G
High pull-out strength



PMAFIX Code reference



Connectors with PG, NPT, GAS and UN thread types are also available. Please contact our customer service.

Connectors



Products	NKNH	NKAH	NKBH	NKNZ	NKIS	BVND/BVNV	BVAD/BVAV	BVWD/BVWV	BVBD/BVBV	BVNDZ/BVNZ	BVI	BVOD/BVOV	ALND	ALWD	ALAD	BMN
Approvals																
Thread material	Metal thread	Metal thread	Metal thread	Metal thread	Metal thread	PA6 thread	PA6 thread	PA6 thread	PA6 thread	PA6 thread	PA6 thread	PA6 flange	PA6 thread	PA6 thread	PA6 thread	PA6
Fitting type	PMAFIX Pro straight	PMAFIX Pro 45° elbow	PMAFIX Pro 90° curved elbow	PMAFIX Pro with strain relief	PMAFIX Pro with female thread	PMAFIX straight	PMAFIX 45° elbow	PMAFIX 90° elbow	PMAFIX 90° curved elbow	PMAFIX with strain relief	PMAFIX with female thread	PMAFIX flange 90°	PMA Smart Line straight	PMA Smart Line 90° elbow	PMA Smart Line 45° elbow	Hexagonal lock nut black
IP Rating	IP68 + IP69K	IP68 + IP69K	IP68 + IP69K	IP68 + IP69K	IP68 + IP69K	IP66	IP68	IP66	IP68	IP66	IP68	IP66	IP68	IP66	IP68	IP66
For conduit size metric																
Thread type																
10	07	M12 x 1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	10	M12 x 1.5	NKNH-M120-10	NKAH-M120-10	NKBH-M120-10	NKNZ-M120/P*	-	-	-	-	-	-	-	-	-	-
16	12	M16 x 1.5	NKNH-M162-10	NKAH-M162-10	NKBH-M162-10	-	-	-	-	-	-	-	-	-	-	-
20	17	M20 x 1.5	NKNH-M207-10	NKAH-M207-10	NKBH-M207-10	NKNZ-M207/P*	NKIS-M207	-	-	-	-	-	-	-	-	-
25	23	M25 x 1.5	NKNH-M253-11	NKAH-M253-11	NKBH-M253-11	NKNZ-M253/P*	NKIS-M253	-	-	-	-	-	-	-	-	-
32	29	M32 x 1.5	NKNH-M329-13	NKAH-M329-13	NKBH-M329-13	NKNZ-M329/P*	NKIS-M329	-	-	-	-	-	-	-	-	-
40	36	M40 x 1.5	NKNH-M409-13	NKAH-M409-13	NKBH-M409-13	NKNZ-M409/P*	-	-	-	-	-	-	-	-	-	-
50	48	M50 x 1.5	NKNH-M508-14	NKAH-M508-14	NKBH-M508-14	NKNZ-M508/P*	NKIS-M508	-	-	-	-	-	-	-	-	-
		M63 x 1.5	NKNH-M638-14	NKAH-M638-14	NKBH-M638-14	NKNZ-M638/P*	NKIS-M638	-	-	-	-	-	-	-	-	-

*various sealing inserts available

Worldwide recognitions

