

Kabelaufnahme-Tabellen

Cable overview

Ø	Kabel / Cable Bezeichnung / Model Querschnitt / Diameter	maximale Kabellänge in Metern / maximum cable length in metres																
		IT							GT							HT		
		235	240	266	280	300	300K	380	235	310	380	450	260	280	300	300K	311	
7,0 mm	H05VV-F 3G1,0	60	50	90	90	140	135	200	60	110	220	250	70	90	125	120	90	
8,3 mm	H05VV-F 3G1,5	45	40	60	70	100	85	150	45	80	150	180	50	70	90	85	60	
10,5 mm	H05VV-F 3G2,5	20	25	40	50	60	55	90	20	50	85	110	30	50	50	45	40	
7,8 mm	H05RR-F 3G1,0	45	40	70	80	110	105	170	45	90	180	210	50	80	105	90	70	
9,5 mm	H05RR-F 3G1,5	30	30	50	50	70	60	110	30	60	110	130	40	50	70	60	50	
11,2 mm	H05RR-F 3G2,5	20	20	33	40	50	45	80	20	40	80	100	25	40	50	45	33	
11,4 mm	H05RR-F 5G1,5	20	—	—	40	45	45	80	20	40	80	100	40	40	45	45	—	
13,7 mm	H05RR-F 5G2,5	—	—	—	25	35	30	50	—	25	55	60	—	25	35	30	—	
10,7 mm	H07RN-F 3G1,5	25	25	40	50	50	45	90	25	50	85	110	30	50	50	45	50	
12,6 mm	H07RN-F 3G2,5	—	—	25	33	35	40	60	—	33	60	70	20	33	35	33	25	
14,3 mm	H07RN-F 3G4,0	—	—	—	—	25	25	50	—	25	50	60	—	—	25	25	—	
22,8 mm	H07RN-F 3G10,0	—	—	—	—	—	—	—	—	—	20	20	—	—	—	—	—	
24,9 mm	H07RN-F 3G16,0	—	—	—	—	—	—	—	—	—	—	15	—	—	—	—	—	
12,8 mm	H07RN-F 5G1,5	—	—	—	33	35	33	60	—	33	55	70	—	33	35	33	—	
15,1 mm	H07RN-F 5G2,5	—	—	—	25	25	25	40	—	25	35	50	—	25	25	25	—	
17,4 mm	H07RN-F 5G4,0	—	—	—	—	—	—	—	—	—	33	33	—	—	—	—	—	
19,3 mm	H07RN-F 5G6,0	—	—	—	—	—	—	—	—	—	20	25	—	—	—	—	—	
		HT							SK									
		380	381	385	480	481	482	582	4600	4601	4602	4700	4701	4822	4823	460	580	
7,0 mm	H05VV-F 3G1,0	200	200	365	340	350	250	530	450	630	900	450	890	500	750	1080	1620	
8,3 mm	H05VV-F 3G1,5	150	140	260	240	250	170	380	320	450	640	320	625	340	510	730	1140	
10,5 mm	H05VV-F 3G2,5	90	85	155	150	150	110	240	200	280	400	200	385	220	330	475	710	
7,8 mm	H05RR-F 3G1,0	170	160	270	280	280	200	420	360	550	730	360	725	400	600	835	1285	
9,5 mm	H05RR-F 3G1,5	110	100	190	180	190	130	290	240	340	490	240	490	260	290	585	860	
11,2 mm	H05RR-F 3G2,5	80	75	140	130	130	95	200	170	240	350	170	370	190	285	405	620	
11,4 mm	H05RR-F 5G1,5	80	75	125	130	130	95	200	170	240	340	170	315	190	285	395	600	
13,7 mm	H05RR-F 5G2,5	50	50	90	90	90	60	140	110	160	230	110	220	120	180	255	405	
10,7 mm	H07RN-F 3G1,5	90	85	145	150	150	100	230	190	270	390	190	385	200	300	415	710	
12,6 mm	H07RN-F 3G2,5	60	60	110	100	110	75	160	140	190	280	140	280	150	220	315	490	
14,3 mm	H07RN-F 3G4,0	50	45	85	80	85	60	120	100	150	210	100	210	120	180	245	390	
22,8 mm	H07RN-F 3G10,0	—	15	30	—	33	25	50	40	60	85	40	65	50	75	85	130	
24,9 mm	H07RN-F 3G16,0	—	—	25	—	—	20	40	33	50	70	33	60	40	60	75	125	
12,8 mm	H07RN-F 5G1,5	60	60	95	100	100	75	160	130	190	270	130	280	150	220	310	490	
15,1 mm	H07RN-F 5G2,5	40	40	65	70	70	50	100	90	130	190	90	165	100	150	195	325	
17,4 mm	H07RN-F 5G4,0	—	33	50	—	50	40	80	70	100	140	70	145	80	120	170	245	
19,3 mm	H07RN-F 5G6,0	—	25	40	—	40	33	60	50	80	110	50	105	60	100	125	190	
26,6 mm	H07RN-F 5G10,0	—	—	—	—	—	15	33	30	40	60	30	55	30	45	55	90	
29,9 mm	H07RN-F 5G16,0	—	—	—	—	—	10	25	20	30	50	20	50	20	30	45	80	

Maximale zulässige Leitungslängen und Leitungsquerschnitte nach VDE 0620 bzw. 0623:
Maximum permissible cable length and diameter according to VDE 0620 or VDE 0623:

Nennstrom Rated current	Leitungsquerschnitte / Cable diameters	1 mm ²	1,5 mm ²	2,5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²
16A	25 m	60 m	100 m	—	—	—	—	—
32A	—	—	—	60 m	100 m	—	—	—
63A	—	—	—	—	—	60 m	100 m	—

Erläuterung der Kabel-Kurzzeichen / Description of the cable types:

Zur Verwendung in trockenen Räumen / To be used in dry rooms:
KK = H05VV-F Kunststoffschlauchleitung / Plastic-coated cable
KG = H05RR-F mittlere Gummischlauchleitung / Medium rubber cable
Zur Verwendung im Freien o. feuchten Räumen / Use outdoors or in wet rooms:
KS = H07RN-F schwere Gummischlauchleitung / Heavy-duty rubber cable
PU = H07BQ-F Polyurethanleitung / H07BQ-F Polyurethane cable

Typ Type	Kabel-Ø in mm und entsprechende maximale Kabellänge in m / Cable Ø in mm and respective cable length in m																			
	3	4	5	6	7	8	9	10	11	12	13	14	16	18	20	22	24	26	28	30
ALD 180	280	160	100	70	50	40	30	25	20	15	—	—	—	—	—	—	—	—	—	—
ALD 240	600	340	210	150	110	85	65	50	40	35	30	25	20	—	—	—	—	—	—	—
ALD 300	1190	680	430	300	205	170	125	100	80	70	60	45	40	30	20	—	—	—	—	—
ALD 380	1720	975	625	420	310	240	180	150	120	105	85	70	50	40	30	25	20	—	—	—
Bestell-Nr. / Order No.																				
PL 450.250.300	445 00 010	575	435	355	290	235	195	155	140	105	75	70	50	45	30	25	—	—	—	—
PL 600.320.350	460 00 010	1290	945	735	635	480	410	335	320	215	170	150	115	90	80	70	55	50	—	—
PL 600.400.450	460 00 020	1265	945	775	635	505	415	335	315	235	175	155	110	100	70	65	60	55	35	30
PL 700.400.450	470 00 010	2080	1560	1235	1040	800	685	575	495	390	305	235	185	165	130	120	115	85	80	50
PL 800.400.500	480 00 010	3190	2370	1920	1580	1270	1020	885	755	565	445	370	290	230	220	165	155	120	115	105
Doppeltrommeln: Double drums:																				
PLD 600.400.2x200	460 01 010	340	280	225	180	145	135	100	75	70	50	45	30	30	25	25	—	—	—	—
hier gilt die Kabellänge pro Spule cable length is stated per drum																				
Motortrommeln: Motor drums:																				
MPL 450.250.250	445 00 110	530	405	320	270	215	170	140	125	95	70	65	45	40	25	—	—	—	—	—