

# PURWIL EMC, EPR/PUR

CH-S05- / -S07- / -S1-BC4Q-F

**SublineFlexible**, shielded polyurethane cable for use in harsh environments

PURWIL EMC EPR/PUR is a family of highly flexible cables with a high level of electromagnetic compatibility. The cables shielded with tinned copper braid are ideal for use in electromagnetically contaminated environments. The polyurethane (PUR) outer sheath is particularly robust and resistant to oil, petrol and wear. In addition, the halogen-free PUR is resistant up to 90°C in normal operation and up to 110°C for a short time. The PURWIL EMC cable is available in a wide variety of cross-sections and core configurations.



## Technical data

Cross-section mm <sup>2</sup>	Part no.	Conductor code	Ø d1 mm	Ø D approx. mm	Copper index kg/km	Weight kg/km
3G1.5	521159	2LnumPE	7.4	9.4	75.7	117
4G1.5	521160	3LnumPE	8.2	10.4	94.8	151
5G1.5	521161	4LnumPE	9.1	11.3	113.8	179
7G1.5	523735	6LnumPE	10.1	12.9	147.3	222
16G1.5	521186	15LnumPE	15.4	18.6	321.3	486
3G2.5	18530	2LnumPE	8.7	10.9	109.2	161
4G2.5	521192	3LnumPE	9.6	12.0	137.8	210
7G2.5	523741	6LnumPE	12.1	14.9	242.4	342
4G4	521400	3LPE	11.8	14.4	219.7	317
5G4	521401	3LNPE	13.2	16.2	274.6	397
4G6	18541	3LPE	13.1	15.9	308.8	414
5G6	521403	3LNPE	14.7	17.9	378.9	516
4G10	521404	3LPE	16.4	19.8	483.2	649
5G10	521405	3LNPE	18.4	22.2	595.7	801
4G16	521406	3LPE	18.8	22.6	730.1	922
5G16	521407	3LNPE	21.1	25.3	900.2	1134
4G25	21408	3LPE	22.4	26.8	1100.5	1349
5G25	21409	3LNPE	25.1	29.9	1357.0	1657
4G35	21410	3LPE	25.2	30.0	1501.0	1783
4G50	21411	3LPE	30.4	36.0	2152.4	2558
5G50	21412	3LNPE	34.1	40.3	2658.2	3152
4G70	21413	3LPE	35.4	41.8	2959.1	3486
4G95	21414	3LPE	39.9	47.1	3957.9	4581
1X50	23706	1L	13.2	16.2	562.6	640
1X70	23708	1L	15.3	18.5	762.9	855
1X95	23710	1L	17.2	20.8	1019.4	1124
1X120	23712	1L	18.3	22.1	1259.4	1351
1X150	23714	1L	20.3	24.3	1564.0	1665
1X185	23716	1L	22.5	26.9	1916.5	2040
1X240	23718	1L	27.9	33.1	2523.5	2794