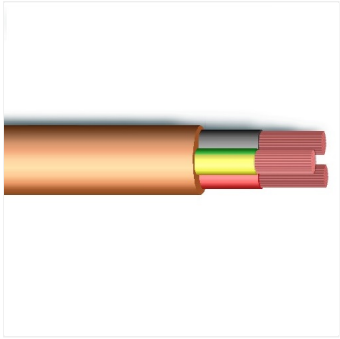
MEC Cables



XLPE Flex Multi-Core

Series: XP

Conductor: Copper Class 5

Insulation: X-90

Sheath: 5V 90

Voltage: 0.6/1KV

Standard: AS/NZS 1125, AS/NZS3

Specifications

Core x cross-section mm²	Conductor diameter		Nominal insulation thickness		Nominal sheath thickness mm
	phase mm	earth mm	phase mm	earth mm	
2x1.5+1x1.5E	0.20	0.20	0.7	0.5	1.8
2×2.5+1x2.5E	0.20	0.20	0.7	0.6	1.8
2×4+1x2.5E	0.30	0.20	0.7	0.6	1.8
2×6+1x2.5E	0.30	0.20	0.7	0.6	1.8
2×10+1x4E	0.40	0.30	0.7	0.7	1.8
2×16+1x6E	0.40	0.30	0.7	0.7	1.8
2×25+1x6E	0.40	0.30	0.9	0.7	1.8
2×35+1x10E	0.40	0.40	0.9	0.7	1.8
2×50+1x16E	0.40	0.40	1.0	0.7	1.8
2×70+1x25E	0.50	0.40	1.1	0.9	1.8
2×95+1x25E	0.50	0.40	1.1	0.9	1.9
2×120+1x35E	0.50	0.40	1.2	0.9	2.0
2×150+1x50E	0.50	0.40	1.4	1.0	2.1
2×185+1x70E	0.50	0.50	1.6	1.1	2.3
2×240+1x95E	0.50	0.50	1.7	1.1	2.4
2×300+1x120E	0.50	0.50	1.8	1.2	2.6

Core x cross-section mm²	Min. Bending Radius mm	Current Ratin	
		underground A	
2x1.5+1x1.5E	60	/	
2×2.5+1x2.5E	67	37	
2×4+1x2.5E	71	49	
2×6+1x2.5E	80	61	
2×10+1x4E	97	84	
2×16+1x6E	110	107	
2×25+1x6E	136	135	
2×35+1x10E	147	165	
2×50+1x16E	169	205	
2×70+1x25E	193	248	
2×95+1x25E	217	290	
2×120+1x35E	241	336	
2×150+1x50E	266	377	
2×185+1x70E	293	420	
2×240+1x95E	330	485	
2×300+1x120E	365	547	

Core x cross-section mm²	Conductor diameter		Nominal insulation thickness		Nominal sheath thickness mm
	phase mm	earth mm	phase mm	earth mm	
3x1.5+1x1.5E	0.20	0.20	0.7	0.5	1.8
3×2.5+1x2.5E	0.20	0.20	0.7	0.6	1.8
3×4+1x2.5E	0.30	0.20	0.7	0.6	1.8
3×6+1x2.5E	0.30	0.20	0.7	0.6	1.8
3×10+1x4E	0.40	0.30	0.7	0.7	1.8
3×16+1x6E	0.40	0.30	0.7	0.7	1.8
3×25+1x6E	0.40	0.30	0.9	0.7	1.8
3×35+1x10E	0.40	0.40	0.9	0.7	1.8
3×50+1x16E	0.40	0.40	1.0	0.7	1.8
3×70+1x25E	0.50	0.40	1.1	0.9	1.9
3×95+1x25E	0.50	0.40	1.1	0.9	2.0
3×120+1x35E	0.50	0.40	1.2	0.9	2.1
3×150+1x50E	0.50	0.40	1.4	1.0	2.3
3×185+1x70E	0.50	0.50	1.6	1.1	2.5
3×240+1x95E	0.50	0.50	1.7	1.1	2.6

3×300+1x120E	0.50	0.50	1.8	1.2	2.8

Core x cross-section mm²	Min. Bending Radius mm	Current Ratin	
		underground A	
3x1.5+1x1.5E	65	/	
3×2.5+1x2.5E	73	37	
3×4+1x2.5E	78	49	
3×6+1x2.5E	87	61	
3×10+1x4E	105	84	
3×16+1x6E	120	107	
3×25+1x6E	139	135	
3×35+1x10E	158	165	
3×50+1x16E	182	205	
3×70+1x25E	211	248	
3×95+1x25E	232	290	
3×120+1x35E	258	336	
3×150+1x50E	290	377	
3×185+1x70E	323	420	
3×240+1x95E	362	485	
3×300+1x120E	402	547	