

Conductor resistance

POWERFLEX® RV-K
TOXFREE® RZ1-K (AS/AS+)
TOXFREE® XZ1-K
TOXFREE® N2XH-FLEX
POWERFLEX® YMVK
POWERHARD RVFV

Cables with 5 conductors

Cross-section (mm ²)	Resistance R (Ω / km)			X (reactance) (Ω / km at 50 Hz)
	at 20 °C	at 40 °C	at 90 °C	
5x1,5	13,3	14,4	17,0	0,121
5x2,5	7,98	8,61	10,2	0,113
5x4	4,95	5,34	6,31	0,107
5x6	3,30	3,56	4,21	0,103
5x10	1,91	2,06	2,44	0,0983
5x16	1,21	1,31	1,54	0,0949
5x25	0,780	0,842	0,995	0,0954
5x35	0,554	0,598	0,706	0,0929
5x50	0,386	0,416	0,492	0,0920
5x70	0,272	0,293	0,347	0,0912
5x95	0,206	0,222	0,263	0,0897

Reactance values are approximate, based on cable nominal dimensions.