

Technical Specification

Cable Type: Rigid NYY Cables - 3+1 Conductors
Type 0.6/1 KV NYY Stranded Copper Conductor PVC Insulation, Filler & Jacket

Western Wire Series WPCF 3+1

Revision: 02/02 Date: 20 November 2002



Four Conductor Rigid Cables Type 0.6/1 KV NYY, conforming to VDE 0276, IEC 60502 and BS 6346.
 Three conductors of main size, cabled with one additional conductor of a smaller size.
 Stranded copper conductor, PVC insulation, filler and jacket, for power supply in permanent underground and outdoor installations.

Cable Construction

Conductor	Stranded annealed bare copper conductors, conforming to ASTM B3
Insulation	PVC compound, colored per request.
Filler	PVC compound.
Outer jacket	PVC compound, colored black.
Surface marking	Per request.

Electrical Parameters

Maximum Operating Temperature	70C
Maximum short circuit temperature	160C for 5 S max.
Voltage Rating	0.6/1 KV

WW P/N	Construction and Cross Section N x mm ² Nominal	Conductor Construction	DC Resistance @20C	Overall Diameter	Total Weight	Ampacity	
			Ohm/Km	mm	Kg/Km	Amperes	
			Maximum	Nominal	Nominal	Nominal	Underground @ 20C
WPCF3X16/10	3 x 16 + 10	Stranded	1.15/1.83	22.0	975	97	80
WPCF3X25/16	3 x 25 + 16	Stranded	0.727/1.15	25.8	1424	127	105
WPCF3X35/16	3 x 35 + 16	Stranded	0.524/1.15	28.0	1761	157	130
WPCF3X50/25	3 x 50 + 25	Stranded	0.387/0.727	32.2	2457	184	159
WPCF3X70/35	3 x 70 + 35	Stranded	0.268/0.524	37.0	3324	227	202
WPCF3X95/50	3 x 95 + 50	Stranded	0.193/0.387	42.4	4460	275	244
WPCF3X120/70	3 x 120 + 70	Stranded	0.153/0.268	47.0	5610	313	282
WPCF3X150/70	3 x 150 + 70	Stranded	0.124/0.268	51.0	6732	353	324
WPCF3X185/95	3 x 185 + 95	Stranded	0.0991/0.193	56.7	8321	399	370
WPCF3X240/120	3 x 240 + 120	Stranded	0.0754/0.153	63.6	10625	464	435
WPCF3X300/150	3 x 300 + 150	Stranded	0.0601/0.124	70.3	13147	523	481
WPCF3X400/185	3 x 400 + 185	Stranded	0.0470/0.0991	78.5	16621	600	560