

Technical Specification

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

Western Wire Series: WPCF3

Revision: 02/02 Date: 20 November 2002



Three Conductor Rigid Cables Type 0.6/1 KV NYY, conforming to VDE 0276, IEC 60502 and BS 6346. Solid or stranded copper conductor, PVC insulation, filler and jacket, for power supply in permanent underground and outdoor installations.

Cable Construction

Conductor	Solid or 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	In Air @ 30C
WPCF3X015	3 x 1.5	Solid	12.1	12.1	200	25	18
WPCF3X025	3 x 2.5	Solid	7.41	12.9	247	34	24
WPCF3X04	3 x 4.0	Solid	4.61	14.9	343	44	33
WPCF3X06	3 x 6.0	Solid	3.08	15.9	425	55	43
WPCF3X10	3 x 10	Stranded	1.83	18.5	610	74	59
WPCF3X16	3 x 16	Stranded	1.15	20.9	847	98	80
WPCF3X25	3 x 25	Stranded	0.727	24.5	1231	127	106
WPCF3X35	3 x 35	Stranded	0.524	27.1	1598	156	131
WPCF3X50	3 x 50	Stranded	0.387	30.8	2176	185	159
WPCF3X70	3 x 70	Stranded	0.268	35.4	2950	227	201
WPCF3X95	3 x 95	Stranded	0.193	40.6	3933	274	201
WPCF3X120	3 x 120	Stranded	0.153	44.2	4821	313	281
WPCF3X150	3 x 150	Stranded	0.124	49.3	6015	353	324
WPCF3X185	3 x 185	Stranded	0.0991	54.5	7370	398	371
WPCF3X240	3 x 240	Stranded	0.0754	61.3	9465	463	435