

Technical Specification

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

Western Wire Series: WPCF2

Revision: 02/02 Date: 20 November 2002



Dual 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
WPCF2X015	2 x 1.5	Solid	12.1	11.6	177	32	20
WPCF2X025	2 x 2.5	Solid	7.41	12.4	215	42	26
WPCF2X04	2 x 4.0	Solid	4.61	14.2	293	54	36
WPCF2X06	2 x 6.0	Solid	3.08	15.2	357	68	47
WPCF2X10	2 x 10	Stranded	1.83	17.6	504	90	66
WPCF2X16	2 x 16	Stranded	1.15	19.8	686	116	88
WPCF2X25	2 x 25	Stranded	0.727	23.2	986	150	118
WPCF2X35	2 x 35	Stranded	0.524	25.6	1266	181	144
WPCF2X50	2 x 50	Stranded	0.387	29.0	1706	215	175
WPCF2X70	2 x 70	Stranded	0.268	33.0	2273	264	224
WPCF2X95	2 x 95	Stranded	0.193	38.0	3046	317	270
WPCF2X120	2 x 120	Stranded	0.153	41.4	3717	360	314
WPCF2X150	2 x 150	Stranded	0.124	45.8	4592	406	361
WPCF2X185	2 x 185	Stranded	0.0091	51.0	5679	458	411
WPCF2X240	2 x 240	Stranded	0.0754	57.0	7225	537	483