

### Technical Specification

**Cable Type: Multicore Flexible Cables**  
**Types 300/300V H03VV-F and 300/500V H05VV-F Stranded Copper Conductor PVC Insulation & Jacket**

**Western Wire Series: WPCD**

**Revision: 02/02 Date: 19 November 2002**



Multicore Flexible Cables Types 300/300V H03VV-F and 300/500V H05VV-F, conforming to VDE 0250, IEC 60227 and BS 6500.

Stranded copper conductor, PVC insulation and outer jacket, for power supply to electrical appliances.

#### Cable Construction

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

#### Electrical Parameters

Maximum Operating Temperature	70C
Maximum short circuit temperature	160C for 5 S max.
Voltage Rating	300/300V and 300/500V

WW P/N	Construction and Cross Section N x mm <sup>2</sup> Nominal	Conductor Construction	DC Resistance @20C	Overall Diameter	Total Weight	Ampacity @30C
			Ohm/Km	mm	Kg/Km	Amperes
			Maximum	Nominal	Nominal	Nominal, in Air
<b>2-Conductor Cables</b>						
WPCD2X075	2 x 0.75	Stranded	26.0	6.2	51	13
WPCD2X10	2 x 1.0	Stranded	19.5	6.6	63	15
WPCD2X15	2 x 1.5	Stranded	13.3	7.6	85	20
WPCD2X25	2 x 2.5	Stranded	7.98	9.2	129	26
WPCD2X4	2 x 4.0	Stranded	4.95	10.6	181	33
<b>3-Conductor Cables</b>						
WPCD3X075	3 x 0.75	Stranded	26.0	6.5	64	13
WPCD3X10	3 x 1.0	Stranded	19.5	7.2	78	15
WPCD3X15	3 x 1.5	Stranded	13.3	8.5	110	20
WPCD3X25	3 x 2.5	Stranded	7.98	9.9	162	26
WPCD3X4	3 x 4.0	Stranded	4.95	11.4	229	33
<b>4-Conductor Cables</b>						
WPCD4X075	4 x 0.75	Stranded	26.0	7.2	74	13
WPCD4X10	4 x 1.0	Stranded	19.5	7.8	96	15
WPCD4X15	4 x 1.5	Stranded	13.3	9.2	135	20
WPCD4X25	4 x 2.5	Stranded	7.98	10.9	201	26
WPCD4X4	4 x 4.0	Stranded	4.95	12.5	286	33
<b>5-Conductor Cables</b>						
WPCD5X075	5 x 0.75	Stranded	26.0	8.0	92	13
WPCD5X10	5 x 1.0	Stranded	19.5	8.6	116	15
WPCD5X15	5 x 1.5	Stranded	13.3	10.3	169	20
WPCD5X25	5 x 2.5	Stranded	7.98	12.1	250	26
WPCD5X4	5 x 4.0	Stranded	4.95	14.1	362	33