Tri-Rated Wire

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Product Type : Trirated Cable

Construction:

Conductor:	Plain Annealed Copper to: BS6360 class 5
Insulation:	PVC compound meeting the requirements of: Type TI3 to BS EN 50363

Standards / Conformances:

BS6231, Type CK; Tri-rated
Flame Propagation: meets requirements of BS EN 60332-1;

Electrical Characteristics:

Rated Voltage (V)   : 600/1000V
Max. Temperature (BS 6231)   : 90°C
Max. Temperature Rating   : 105°C

Physical Characteristics:

Conductor Size (mm²)	Max. Conductor DC Resistance at 20ºC (Ω / km)	Min. insulation resistance at 90°C (MΩ / km)	Max. Overall Diameter (mm)	Weight (kg / km)
0.5	39	0.0161	3	10
0.75	26	0.0141	3.1	13
1	19.5	0.0128	3.3	16
1.5	13.3	0.0111	3.6	21
2.5	7.98	0.0094	4.1	31
4	4.95	0.0077	4.8	49
6	3.3	0.0059	5.3	73
10	1.91	0.0058	7.8	128
16	1.21	0.0048	9	201
25	0.78	0.0047	11.5	290
35	0.554	0.0040	12.5	392
50	0.386	0.0039	15.4	553
70	0.272	0.0033	17.5	776
120	0.161	0.0029	21.2	1,200

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Part Number Table

Description	Part Number
Wire, Tri Rated, Black, 0.5mm, 100M	CBBR0155
Wire, Tri Rated, Blue, 0.5mm, 100M	CBBR0156
Wire, Tri Rated, Brown, 0.5mm, 100M	CBBR0157
Wire, Tri Rated, Grey, 0.5mm, 100M	CBBR0159
Wire, Tri Rated, Orange, 0.5mm, 100M	0.50ORG
Wire, Tri Rated, Red, 0.5mm, 100M	CBBR0162
Wire, Tri Rated, White, 0.5mm, 100M	CBBR0164
Wire, Tri Rated, Yellow, 0.5mm, 100M	CBBR0165
Wire, Tri Rated, GRN/YEL, 0.5mm, 100M	CBBR0166
Wire, Tri Rated, Black, 0.75mm, 100M	CBBR0167
Wire, Tri Rated, Blue, 0.75mm, 100M	CBBR0168
Wire, Tri Rated, Brown, 0.75mm, 100M	CBBR0169
Wire, Tri Rated, Grey, 0.75mm, 100M	CBBR0171
Wire, Tri Rated, Orange, 0.75mm, 100M	CBBR0172
Wire, Tri Rated, Red, 0.75mm, 100M	CBBR0174
Wire, Tri Rated, Violet, 0.75mm, 100M	CBBR0175
Wire, Tri Rated, White, 0.75mm, 100M	CBBR0176
Wire, Tri Rated, Yellow, 0.75mm, 100M	CBBR0177
Wire, Tri Rated, GRN/YEL, 0.75mm, 100M	CBBR0178
Wire, Tri Rated, Black, 1mm, 100M	CBBR0179
Wire, Tri Rated, Blue, 1mm, 100M	CBBR0180
Wire, Tri Rated, Brown, 1mm, 100M	CBBR0181
Wire, Tri Rated, Grey, 1mm, 100M	CBBR0183
Wire, Tri Rated, Orange, 1mm, 100M	CBBR0184
Wire, Tri Rated, Red, 1mm, 100M	CBBR0186
Wire, Tri Rated, Violet, 1mm, 100M	CBBR0187
Wire, Tri Rated, White, 1mm, 100M	CBBR0188
Wire, Tri Rated, Yellow, 1mm, 100M	CBBR0189
Wire, Tri Rated, GRN/YEL, 1mm, 100M	CBBR0190
Wire, Tri Rated, Black, 1.5mm, 100M	CBBR0191
Wire, Tri Rated, Blue, 1.5mm, 100M	CBBR0192
Wire, Tri Rated, Brown, 1.5mm, 100M	CBBR0193
Wire, Tri Rated, Grey, 1.5mm, 100M	CBBR0195
Wire, Tri Rated, Orange, 1.5mm, 100M	CBBR0196

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Description	Part Number
Wire, Tri Rated, Red, 1.5mm, 100M	CBBR0198
Wire, Tri Rated, White, 1.5mm, 100M	CBBR0200
Wire, Tri Rated, Yellow, 1.5mm, 100M	CBBR0201
Wire, Tri Rated, GRN/YEL, 1.5mm, 100M	CBBR0202
Wire, Tri Rated, Black, 2.5mm, 100M	CBBR0203
Wire, Tri Rated, Blue, 2.5mm, 100M	CBBR0204
Wire, Tri Rated, Brown, 2.5mm, 100M	CBBR0205
Wire, Tri Rated, Red, 2.5mm, 100M	CBBR0210
Wire, Tri Rated, Yellow, 2.5mm, 100M	CBBR0213
Wire, Tri Rated, GRN/YEL, 2.5mm, 100M	CBBR0214
Wire, Tri Rated, White, 2.5mm	CBBR0212.
Wire, Tri Rated, Black, 4mm, 100M	CBBR0215
Wire, Tri Rated, Blue, 4mm, 100M	CBBR0216
Wire, Tri Rated, Brown, 4mm, 100M	CBBR0217
Wire, Tri Rated, Red, 4mm, 100M	CBBR0222
Wire, Tri Rated, Yellow, 4mm, 100M	CBBR0225
Wire, Tri Rated, GRN/YEL, 4mm, 100M	CBBR0226
Wire, Tri Rated, Black, 6mm, 100M	CBBR0227
Wire, Tri Rated, Blue, 6mm, 100M	CBBR0228
Wire, Tri Rated, Brown, 6mm, 100M	CBBR0229
Wire, Tri Rated, Red, 6mm, 100M	CBBR0234
Wire, Tri Rated, Yellow, 6mm, 100M	CBBR0237
Wire, Tri Rated, GRN/YEL, 6mm, 100M	CBBR0238
Wire, Tri Rated, Black, 10mm, 100M	CBBR1541
Wire, Tri Rated, Red, 10mm, 100M	CBBR1542
Wire, Tri Rated, GRN/YEL, 10mm, 100M	CBBR1543
Wire, Tri Rated, Blue, 10mm	T/RATED 10MM BLU
Wire, Tri Rated 10mm Yellow	T/RATED 10MM YEL
Wire, Tri Rated, Black, 16mm	T/RATED 16MM BLK
Wire, Tri Rated, Blue, 16mm	T/RATED 16MM BLU
Wire, Tri Rated, Red, 16mm	T/RATED 16MM RED
Wire, Tri Rated, GRN/YEL, 16mm	T/R 16MM GRN/YEL
Wire, Tri Rated 25mm BLK	T/RATED 25MM BLK
Wire, Tri Rated 25mm Red	T/RATED 25MM RED

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Description	Part Number
Wire, Tri Rated 25mm GRN/YEL	T/R 25MM G/Y
Wire, Tri Rated, Orange, 2.5mm	CBBR0208.
Wire, Tri Rated, Grey, 2.5mm	CBBR0207.
Wire, Tri Rated, Grey, 4mm, 100M	T/RATED 4MM GRY 100M
Wire, Tri Rated, Grey, 6mm, 100M	T/RATED 6MM GRY 100M
Wire, Tri Rated, Grey, 10mm, 100M	T/RATED 10MM GRY 100M
Wire, Tri Rated, Grey, 16mm, 100M	T/RATED 16MM GRY 100M
Wire, Tri Rated, Brown, 10mm, 100M	T/RATED 10MM BRN 100M
Wire, Tri Rated, Brown, 16mm, 100M	T/RATED 16MM BRN 100M

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