

# Tri-Rated

PVC, HAR, UL/CSA/BA, 105 Deg C.



**TRI-RATED UL/CSA/BS** is an internationally-approved harmonized single-conductor +105C cable. Designed for internal wiring of electrical cabinets, switch boards, relay and instrumentation panels or power switchgear, assemblies of lighting and small electrical devices. The flexible PVC provides extra sliding properties; and the wire is best used in conduit or in flexible motor ducts, transformations and other machinery in general. Tri-Rated wire is sometimes referred to as panel wire, BS 6231 cable or Type CK.

► **Construction:**

- Bare copper conductor
- Strands to IEC 60228 Cl-5 and BS 6360
- Special PVC core insulation Type TI3
- H05V2-K, H07V2-K, 07V2-K
- UL1015, UL1028, UL1083, UL 1084

► **Technical:**

- Working voltage: 300/500v (H05V2-K UL)
- Working voltage: 450/750v (H07V2-K UL)
- Working voltage UL & CSA: 600v
- Working voltage BS: 600/1000v
- Flexing/Static bending radius: 5 x Ø
- Temp EN: -40° to +90° C
- Temp BS: -40° to +90° C
- Temp UL: -40° C to +105° C
- Temp CSA: -40° C to +105° C
- Flame retardant: EN 60332-1/IEC 60332-1
- Insulation: PVC Type TI3

► **Approvals:**

- BS EN 50525-2-31
- BS 6231 Type CK
- UL Subj. 758
- CSA C22.2 No. 210 (HD 21.7 S2)
- BS EN/IEC 60332
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD (in)	NOMINAL OD (mm)	WT LBS/ MFT
35301**	1	0.520"	13.2mm	347
35302**	1	0.421"	10.7mm	239
35320**	1	0.106"	2.7mm	9
35318**	1	0.114"	2.9mm	11
35316**	1	0.122"	3.1mm	14
35314**	1	0.142"	3.6mm	20
35312**	1	0.161"	4.1mm	29
35310**	1	0.185"	4.7mm	41
35308**	1	0.283"	7.2mm	83
35306**	1	0.323"	8.2mm	121
35304**	1	0.378"	9.6mm	176
35375**	1	1.244"	31.6mm	2462
35335**	1	0.886"	22.5mm	1160
35321**	1	0.587"	14.9mm	474
35331**	1	0.654"	16.6mm	610
35330**	1	0.807"	20.5mm	966
35350**	1	0.988"	25.1mm	1502
35360**	1	1.102"	28.0mm	1878
35341**	1	0.709"	18.0mm	771

Color Code Chart
00 - Green/ Yellow
01 - Black
02 - Blue
03 - Brown
04 - Red
05 - White
06 - Gray
07 - Violet
08 - Pink
09 - Orange
11 - Yellow
12 - Green
Light Blue
14 - Dark Blue

