

Flat Twin

CU/PVC/PVC



Flat twin Flame Retardant cable

Construction

Conductor:	bare copper conductor class 1 or 2 acc. to IEC 60228 / HD 383 / DIN VDE 0295 1mm ² to 2.5mm ² : Class 1 solid conductor 4mm ² to 16mm ² : Class 2 stranded conductor
Circuit Protection Conductor (Earth):	Circuit Protection Conductor (Earth) 1mm ² to 2.5mm ² : Class 1 solid copper conductor 4mm ² to 16mm ² : Class 2 stranded copper conductor
Insulation:	PVC compound PVC/D acc. to IEC 60227
Core Color Identification:	Brown-Blue,
Sheath:	PVC compound ST5 acc. to IEC 60227
sheath colour:	Grey , White

Application

Polyvinyl Chloride (PVC) insulated and PVC over sheathed cables - up to 300/500V - for electric power and lighting manufactured in accordance with British Standard BS6004. This standard includes the national type Low Voltage cables which were not included in the Harmonized series of cables to BS EN 50525.

British Standard BS6004 specifies the requirements for Low Voltage (LV) flexible Polyvinyl Chloride (PVC) insulated and PVC over sheathed cables commonly used in final circuits in building, including electric power supply and lighting applications with a voltage range of up to and including 300V/500V.

Technical data

Temperature during installation:	-5 °C up to +70 °C
Fixed installed Temperature:	-30 °C up to +70 °C
Temperature at short circuit of max. 5 s:	up to 150 °C
Nominal voltage:	U ₀ /U = 300/500 V
Test voltage:	2000 V
Minimal inner bending radius:	6D
Behavior in fire:	IEC 60332-1

Design Standards

IEC 60227

Flat Twin

CU/XLHF/HFPO

Code No.	number of cores x conductor cross-section	Construction	Cross Section of Circuit protective Conductor	Insulation thickness	sheath thickness	Nominal Overall Dimention	Cable weight	Packing*
	N x mm ²		mm ²	nom. mm	Nom. mm	nom. mm	Nom. kg/km	
T21	2x1.0	RE	1	0.6	0.9	4.35x7.95	70	CUT
T215	2x1.5	RE	1	0.7	0.9	4.85x8.9	90	CUT
T225	2x2.5	RE	1.5	0.8	1	5.66x10.65	125	CUT
T240	2x4.0	RM	1.5	0.8	1	6.2x11.95	175	CUT
T260	2x6.0	RM	2.5	0.8	1.1	7.1x13.7	240	CUT
T210	2x10	RM	4	1	1.2	8.8x17.3	375	CUT
T216	2x16	RM	6	1	1.3	9.85x2.1	532	CUT
T310	3x1.0	RE	1	0.6	0.9	4.32x9.9	96	CUT
T315	3x1.5	RE	1	0.7	0.9	4.85x12.2	118	CUT