

RoHS
Compliant



Application

LiYCY cable can be used for signal transmission between electronic devices, in computer systems or process control units with increased electromagnetic compatibility requirements.

Characteristics

Voltage Rating U ₀ /U	: 250V
Temperature Range	: -30°C to +180°C fixed, -5°C to +70°C during Installation.
Test Voltage	: 1.2kV
Minimum Bending Radius	: Fixed Installation: 6 × overall diameter
Core Identification	: 2 Core: White, Brown 3 Core: White, Brown, Green 4 Core: White, Brown, Green, Yellow 5 Core: White, Brown, Green, Yellow, Grey 7 Core: White, Brown, Green, Yellow, Grey, Pink, Blue
Sheath Colour	: Grey

Cable Standards

VDE 0482-332-1-2/IEC 60332-1-2, EN 60811-2-1

Construction

Conductor	: Class 5 Fine Stranded Bare Copper
Insulation	: PVC (Polyvinyl chloride)
Sheath	: PVC (Polyvinyl chloride)
Screen	: TCWB (Tinned Copper Wire Braid)

Dimensions

Part Number	No. of Cores	Nominal Cross Sectional Area mm ²	Nominal Outer Diameter mm	Nominal Weight kg/km
PP002609	2	0.14	3.9	21
PP001174		0.25	4.6	28
PP001178		0.34	4.8	31
PP001182		0.5	5	36
PP002610	3	0.14	4	40
PP001175		0.25	4.8	34
PP001179		0.34	5	38
PP001183		0.5	5.3	45
PP002611	4	0.14	4.2	43
PP001176		0.25	5.2	40

Part Number	No. of Cores	Nominal Cross Sectional Area mm ²	Nominal Outer Diameter mm	Nominal Weight kg/km
PP001180	4	0.34	5.4	46
PP001184		0.5	5.7	54
PP002612	5	0.14	4.6	47
PP001177		0.25	5.7	47
PP001181		0.34	5.9	54
PP002613		0.5	6.4	67
PP002614	7	0.14	5	54
PP002615		0.25	6.3	61

Part Number Table

Description	Cable Length	Part Number
Cable, LIYCY, 2 Core, 0.25mm ²	50m or per metre	PP001174
Cable, LIYCY, 3 Core, 0.25mm ²		PP001175
Cable, LIYCY, 4 Core, 0.25mm ²		PP001176
Cable, LIYCY, 5 Core, 0.25mm ²		PP001177
Cable, LIYCY, 2 Core, 0.34mm ²		PP001178
Cable, LIYCY, 3 Core, 0.34mm ²		PP001179
Cable, LIYCY, 4 Core, 0.34mm ²		PP001180
Cable, LIYCY, 5 Core, 0.34mm ²		PP001181
Cable, LIYCY, 2 Core, 0.5mm ²		PP001182
Cable, LIYCY, 3 Core, 0.5mm ²		PP001183
Cable, LIYCY, 4 Core, 0.5mm ²		PP001184
Cable, LIYCY, 2 Core, 0.14mm ²		100m or per metre
Cable, LIYCY, 3 Core, 0.14mm ²	PP002610	
Cable, LIYCY, 4 Core, 0.14mm ²	PP002611	
Cable, LIYCY, 5 Core, 0.14mm ²	PP002612	
Cable, LIYCY, 5 Core, 0.5mm ²	PP002613	
Cable, LIYCY, 7 Core, 0.14mm ²	PP002614	
Cable, LIYCY, 7 Core, 0.25mm ²	PP002615	

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