

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	

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.