

STATIC APPLICATION

LIYCY/LIYCY(TP) SIGNAL WITH PAIR-ST

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	1.50	occ. flexing 10 x ø	6.0xø

APPROVALS



TECHNICAL DATA



STATIC -40°C +80°C
OCCASIONAL FLEXING -5°C
+80°C



MAX OPERATING VOLTAGE 350
V (NOT FOR POWER
APPLICATIONS)



TEST VOLTAGE (CORE/CORE) =
1200 V (CORE/SCREEN) = 800 V



INSULATION RESISTANCE > 20
GOHM X CM



NOMINAL IMPEDANCE
78 Ω (APPROX.)
INDUCTANCE = 0,65 MH/KM
MUTUAL CAPACITANCE AT 800 HZ
(CORE/CORE):
– 0,14 MM² < 100 PF/M
– 0,25 MM² < 150 PF/M
MUTUAL CAPACITANCE AT 800 HZ
(CORE/SCREEN):
– 0,14 MM² < 240 PF/M
– 0,25 MM² < 270 PF/M
BREAKDOWN VOLTAGE = 2400 V

CONSTRUCTION FEATURES

PAIRS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	PVC COMPOUND.
	INSULATION COLOR	COLOURS SEQUENCE REFERS TO DIN 47100 STANDARD.
OVERALL STRANDING	FILLER	FILLER NOT HYGROSCOPIC, PRODUCED OUT OF SUITABLE MATERIALS
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
	DRAIN WIRE	DRAIN WIRE TINNED COPPER
	SCREEN	SHIELD TINNED COPPER 85 % ± 5 %
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GRAY , RAL: 7001, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE

IEC EN 60332-1-2; DIN VDE 0482-332-1-2



OIL PERFORMANCE

EN 50290-2-22 TM54 (CEI 20-34/0-1; 4 H / 70°C, OIL IRM 902); VDE 0819 PARTE 102.

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
21234	(1X2X0,25)ST	×		500	4.2	45
21235	(2X2X0,25)ST	×	100	500	5.8	53
20713	(3X2X0,50)ST	✓	100	500	8.2	100
21236	(4X2X0,25)ST	×	100		6.9	80
23673	(6X2X0,50)ST	✓		500	11	205

TE.CO. reserves the right to make changes to any of the products without, however, affecting the essential technical features. Unless specified otherwise, all the product ratings stated are nominal ratings. The RAL colour code is provided for illustrative purposes only.

Company managed and coordinated by Fangen S.r.l.. All rights reserved. No reproduction permitted without written permission from TE.CO. Tecnologia Commerciale S.p.A.