DATA SHEET

Low-noise coax, 50 Ohm, 1 GHz, 85°C, ø2.8 mm, PVC jacket

G_01130_HT-03

Properties

- Alternative to standard RG cables
- Low noise
- Coax construction



Construction			
Component	**Material**	**Detail**	**Diameter**
Centre conductor	Copper	Strand-07	0.45 mm
Dielectric	PE (Polyethylene)		1.4 mm
Semi-conductor	PVC (Polyvinyl chloride)		1.9 mm
Outer conductor	Copper		2.3 mm
Jacket	PVC (Polyvinyl chloride)	RAL 9005 - bk	2.8 mm +/- 0.1 mm

Electrical data	
Impedance	50 Ω
Operating frequency	≤ 1 GHz
Capacitance	101 pF/m
Velocity of signal propagation	66 %
Insulation resistance	100000000 MΩ*m
Operating Voltage (at sea level)	≤ 1.5 kVrms
Test voltage (50 Hz/1 min)	≤ 3 kVrms
Noise level	≤ 10 mV

Mechanical data	
Weight	approx. 13 g/m
Static bending radius	≥ 14 mm
Repeated bending radius	28 mm

Environmental data	
Operation temperature	-25 °C ... 85 °C
Installation temperature	-20 °C ... 60 °C
Fire characteristics	contains halogene

Low-noise coax, 50 Ohm, 1 GHz, 85°C, ø2.8 mm, PVC jacket

G_01130_HT-03

Suitable connectors	
Cable group	U3

Ordering information		
Item number	Item description	Available as assembly only
22510088	G_01130_HT-03	No

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P1089 / Date of publication: 12.08.2024 / uncontrolled copy

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Huber+Suhner:

11_TNC-50-3-116/133_NE 24_BNC-50-2-1/133_NE 82_MMCX-S50-0-2/111_KH 16_N-50-3-27/133_NE
11_N-50-9-12/033_-F 1399.31.0004 34_SMA-50-0-51/199_NE 73_Z-0-0-292/---_-H 78_Z-0-4-4
PMASF126E/11PC35/11PC35/610mm 14_BMA-50-2-2/111_NE 78_Z-0-7-2 9071.99.0649
TL-P-11716-11N-01500-51 53_N-50-0-4/133_NE 11_BNT-50-3-1/103_NE 22_TNC-50-0-1/133_NE
24_SMA-50-2-15/111_NH 32_MMBX-50-0-3/111_NE 11_N-50-6-19/12-_NE 33_PC185-MMPX-50-2/199_NE
16_MMCX-50-2-4/111_OH 11_BNC-50-3-87/133_NE 11_SMC-50-2-10/111_NE 22_N-50-0-3/133_NE
21_N-50-12-50/033_-E 11_BNC-75-2-15/133_NH 11_N-50-12-60/033_-E 1399.35.0008
32_MMBX-50-0-13/111_NE