



Data cables LAN - SSTP 1000/23 CAT. 7+
 ● flame-retardant IEC/EN 60332-1-2



Technical attributes

Standards	EN 50173-1; ISO/IEC 11801; EN 50288-4-1; EN 50167; EN 5016; IEC 61156-5
Conductor material	Cu, bare
Conductor type	AWG 23
Core insulation	foam-PE
Stranding	4 pairs
Shielding Pairs	aluminium multi-
Screening	Cu-braiding, tinned
Outer sheath	LSZH/FRNC compound acc. to NF EN 50290-2-27; IEC 60332-3-24
Outer sheath colour	orange
Operating temperature min.	-20 °C
Operating temperature max.	+70 °C
Tensile load max.	110 N/mm ²
Current resistance at 20 °C	75 Ω/km
Insulation resistance at 200 Vcc, min.	>50000 MΩ x km
Capacity nom.	45 nF/km
Characteristic impedance	from 1-100 Mhz:100 ± 15 Ω, from 100-600 Mhz: 100 ± 20 Ω
Operating voltage	100 V
category	7+
Velocity of propagation (f>1 MHz)	78 % c.
Minimum bending radius, mobile operation	8 x cable-Ø
Minimum bending radius, fixed installation	4 x cable-Ø

Description

Installation cable for use in structured building cabling according to IS /IEC 11801 and EN 50173 (2nd edition). Best suited for all Class D to F multimedia applications (video, data, voice) > 10 GbE to IEEE 802.3, Cable sharing, VoIP, PoE.

Note

- flame-retardant IEC/EN 60332-1-2
- flame-retardant IEC 60332-3-24 category C
- smoke-density IEC 61034-2
- halogen-free IEC 60754/1-2

Product table

product number	product name	category	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]		couples	Outer sheath colour	halogen-free
02243001	J-02YSCH 4 x 2 x AWG 23Pimf 1000 og	7+	65,00	32,00	7,00	AWG 23	4	orange	yes