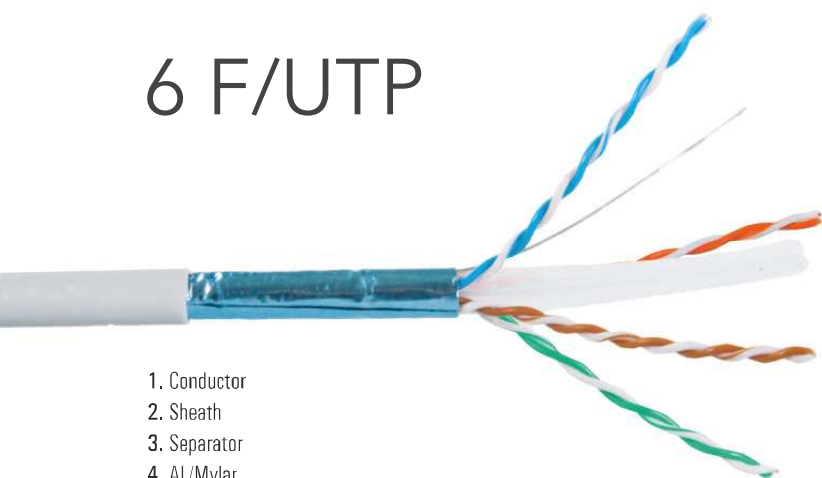


6 F/UTP



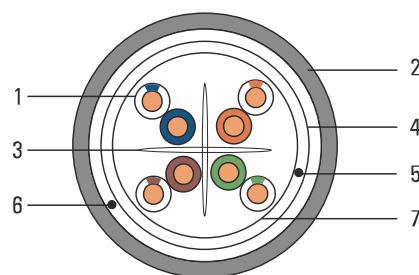
1. Conductor
2. Sheath
3. Separator
4. AL/Mylar
5. Drain wire
6. Rip-cord
7. Mylar

Cat. No.: SEC6FTP

SecurityNET installation twisted cable is intended to connect between distribution point of multimedia signals and user's connectors. F/UTP twisted cable (shielded) is perfectly suited for installations in computer networks, phone networks, CCTV systems, etc., which may be exposed to electromagnetic disturbance. Screen application minimizes interference that may occur when the cables are put in the same pathway with other power cable. It has an outer coating of PVC. The cable meets requirements of structured cabling: ISO / IEC 11801, EIA / TIA 568-C.2, EN 50173.

TECHNICAL DATA:

construction:	4x2	operating temperature:	from -20°C to +60°C
conductor core:	0,565 mm	installation temperature:	from 0°C to +50°C
execution core:	copper wire [Cu]	NVP:	68%
insulation core:	HDPE 1,12 mm	Delay Skew (ns/100 m):	≤ 45
screen:	aluminium foil	bendig radius:	8 x diameter
thickness:	0,6 mm	pair separator:	yes
nominal diameter:	7,4 mm PVC	color:	RAL 7035
characteristic impedance 1-250 MHz:	100 Ω	CPR class:	Eca
max. resistance 1-250 MHz:	9,5 (Ω/100 m)		



- for indoor use
- high-quality of the workmanship (copper)
- tested (measurement performed on the distance of 90 meters with Fluke Networks DSX-5000 measure)
- meets requirements of cat. 6 F/UTP

Transmission frequency	1	4	10	16	20	31,3	62,5	100	200	250
NEXT ≥ dB/100 m	74,3	65,3	59,3	56,2	54,8	51,9	47,7	44,3	39,8	38,3
Attenuation ≤ dB/100 m	-	3,8	6	7,6	8,5	10,7	15,4	19,8	29	32,9
Return loss ≥ dB/100 m	20	23	25	25	25	23,6	21,5	20,1	18	17,3
PSNEXT ≥ dB/100 m	72,3	63,3	57,3	54,2	52,8	49,9	45,4	42,3	37,8	36,3
ELFEXT ≥ dB/100 m	67,8	55,8	47,8	43,7	41,8	37,9	31,9	27,8	21,8	19,8
PSELFEXT ≥ dB/100 m	64,8	52,8	44,8	40,7	38,8	34,9	28,9	24,8	18,8	16,8
Delay ≤ ns/100 m	570	552	545	543	542	540	539	538	537	536