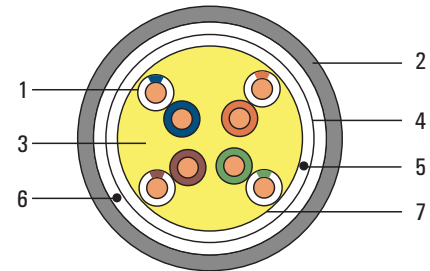


# OUTDOOR TWISTED PAIR CABLES – JELLY FILLED

## 5e F/UTP



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



- for outdoor use (PE coat)
- jelly filled
- high-quality of the workmanship (copper)
- UV- resistant
- tested (measurement performed on the distance of 90 meters with Fluke Networks DSX-5000 measure)
- meets requirements of cat. 5e F/UTP
- also available in versions: 5e U/UTP, 6 U/UTP, 6 F/UTP

Cat. No.: SEC5EFTPG

SecurityNet F/UTP jelly twisted cable (shielded) cat 5e is intended for outdoor installation, does not require covers or protecting tubes. FTP twisted cable (shielded) is perfectly suited for installations in computer networks, phone networks, CCTV systems, etc., which may be exposed to electromagnetic disturbance. Cable is resistant to UV radiation. It has an outer coating of PE.

### TECHNICAL DATA:

construction:	4x2	max. resistance 1-100MHz:	9,5 (Ω/100m)
conductor core:	0,510 mm	operating temperature:	from -30°C to +60°C
execution core:	copper wire [Cu]	installation temperature:	from -10°C to +70°C
insulation core:	HDPE 1,02 mm	fulfillment:	jelly filled
screen:	aluminium foil	Delay Skew (ns/100 m):	≤ 45
thickness:	0,55 mm	bendig radius:	8 x diameter
nominal diameter:	6,6 mm LDPE	NVP:	65%
	(compatible with RoHS)	color:	RAL 9005
characteristic impedance 1-100MHz:	100 Ω	CPR class:	Fca

Transmission frequency	1	4	8	10	16	20	25	31,25	62,5	100
NEXT ≥ dB/100 m	60	54,8	50	48,5	45,2	43,7	42,1	40,5	35,7	32,3
Attenuation ≤ dB/100 m	3,0	3,9	5,5	6,2	7,9	8,9	10	11,2	16,2	21
Return loss ≥ dB/100 m	19	19	19	19	19	19	18	17,1	14,1	12
PSNEXT ≥ dB/100 m	57,0	51,8	47	45,5	42,2	40,7	39,1	37,5	32,7	29,3
ELFEXT ≥ dB/100 m	58,6	46,6	40,6	38,6	34,5	32,6	30,7	28,7	22,7	18,6
PSELFEXT ≥ dB/100 m	55,6	43,6	37,5	35,6	31,5	29,6	27,7	25,7	19,7	15,6
Delay ≤ ns/100 m	521	504	500	498	496	495	495	494	492	491