

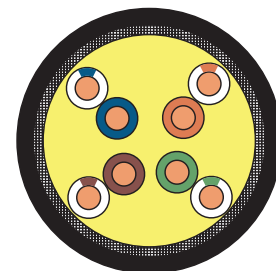
5e FTP



- 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 DTX-1800 measure)
- meets requirements of cat. 5e FTP
- also available in versions: 5e UTP, 6 UTP and 6 FTP

Cat. No.: SEC5EFTPG

Cabel 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. The cable meets requirements of ISO / IEC 11801, EN 50173, EIA / TIA 568- B.2 structured cabling.



TECHNICAL DATA:

construction: 4x2
 conductor core: 0,511 mm
 execution core: copper wire [Cu]
 insulation core: HDPE 1,02 mm
 screen: aluminium foil
 thickness: 0,55 mm
 nominal diameter: 6,6 mm PE
 (compatible with RoHS)

characteristic impedance 1-100MHz: 100 Ω
 max. resistance 1-100MHz: 9,5 (Ω/100 m)
 operating temperature: from -30°C to +60°C
 installation temperature: from -10°C to +70°C
 fulfillment: jelly filled
 Delay Skew (ns/100 m): ≤ 45
 bendig radius: 8 x diameter
 color: black

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