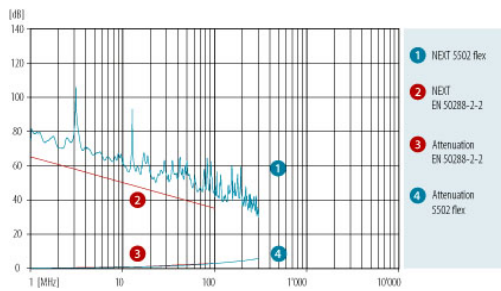


Segregation class	c
Transfer impedance 1/10/30 MHz	< 20/9/25 mΩ/m



Frequency [MHz]	Category	NEXT [dB]	PS-NEXT [dB]	ACR-N [dB] (10M)	PS-ACR-N [dB] (10M)	ACR-F [dB] (10M)	Return Loss [dB]
1		75	72	74	71	80	24
4		70	67	69	66	78	30
10		65	62	64	61	75	30
100	5e	42	39	39	36	60	28
250		35	32	30	27	53	23
300		33	30	27	24	50	23

Mechanical properties

Minimal crush resistance / 10cm	1,000 N
Minimum bending radius	20 mm
Minimum number of impacts	10
Repeated bending	1000 cycles
Solid / Flex	Stranded wire (flexible)
Tensile strength (4P)	63 N

Standards

Cat./Class	Cat 5e / Class D - limit values as specified by IEC 61156-6 and EN 50288-2-2 guaranteed
PoE	IEEE 802.3af
Reaction to fire (Euroclasses)	EN 13501-6
Flame Propagation	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2, AREI-RGIE Art.104-F1

Versions

Material number	Product	Reaction To Fire	Outer sheath colour	Diameter mm ²	Outer sheath diameter [mm]	CU rate [kg/km]	Weight [kg/km]	Fire load [kWh/m]	Packing unit
17959500EK	CU 5502 4P Flex	Eca	grey	0.16	5.1	23.5	33	0.11	1000 m drum
17951300EK	CU 5502 4P Flex	Eca	green	0.16	5.1	23.5	34	0.11	1000 m drum
17951400EK	CU 5502 4P Flex	Eca	yellow	0.16	5.1	23.5	34	0.11	1000 m drum
17951500EK	CU 5502 4P Flex	Eca	red	0.16	5.1	23.5	34	0.11	1000 m drum
17951600EK	CU 5502 4P Flex	Eca	blue	0.16	5.1	23.5	34	0.11	1000 m drum
17951900EK	CU 5502 4P Flex	Eca	white	0.16	5.1	23.5	34	0.11	1000 m drum
17951700EK	CU 5502 4P Flex	Eca	black	0.16	5.1	23.5	34	0.11	1000 m drum