

**RamCAT-Flex multicore - shielded, AWG 26/19**

- protection of patented design
- 5-fold ultra-rugged data multicore
- flexible, stabilizing intermediate jackets from TPE
- S/UTP elements (braid + unshielded twisted pairs)
- 5x (4x 2x 0.15 mm²) [AWG 26/19] - stranded conductors
- robust PUR jacket
- EtherSound™ tested by Digigram up to 75 m

PUR

Suitable for A-Net, AVB (Audio/Video Bridging over Ethernet), CobraNet, Dante™ (AVB), EtherSound™ (Trademark of Digigram), RAVENNA (AVB) etc.

construction

conductor	stranded bare copper, 19 x 0.10 mm
core insulation	Foam-Skin PE
core stranding	2 cores twisted to a pair
cable stranding	4 pairs twisted
inner jacket	TPE
shielding	tinned copper braid, >80% coverage
element jacket	PUR, claret violet
twisting	5 data cables twisted around a central filler
overall diameter	19.6 mm

properties

min. bending radius	5x overall diameter
working temperature	-40°C / +85°C
halogen-free	acc. to IEC 60754-1

electric

conductor resistance	< 130 Ω/km
operating capacity	50 pF/m
characteristic impedance	100 ± 0.15 Ω

Frequency [MHz]	attenuation [dB/100m]	Next [dB]
1	1.9	73
4	4.9	65
10	8.8	52
16	11.4	50
20	13.0	51
31.25	16.7	45
62.5	24.6	43
100	32.1	42

order code	outer jacket	colour	weight kg	standard lengths m
RC5-LB5V	PUR	claret violet	0.37	30 / 50 / 100 / 200

technical specifications are subject to change