



**RamCAT-Flex multicore  
AWG 26/19 - S/UTP - PUR**

- protection of patented design
- 5-fold ultra-rugged data multicore
- 5 x (4 x 2 x 0.15 mm<sup>2</sup>) [AWG 26/19] - stranded conductors
- flexible, stabilizing intermediate jackets from TPE
- S/UTP (braid + unshielded twisted pairs)
- outer jacket from robust PUR
- 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.

**design**

conductor	stranded bare copper, 19 x 0.10 mm
core insulation	Foam-Skin PE
core stranding	2 cores twisted to a pair
twisting	5 data cables twisted around a central filler
cable stranding	4 pairs twisted
inner jacket	TPE
shielding	tinned copper braid, >80% coverage
element jacket	PUR, claret violet
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
mutual capacitance	50 pF/m
characteristic impedance	100 Ω ± 15%

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	type	outer jacket	cable color	weight kg/m	standard lengths m
RC5-LB5V	S/UTP	PUR	claret violet	0.37	30 / 50 / 100 / 200

technical specifications are subject to change