

RC5-M5

RAMCAT5-flex multicore - shielded, AWG 26/19

- EtherSound™ tested by Digigram up to 75 m
- protection of patented design
- 5-fold ultra-rugged data multicore
- flexible, stabilizing intermediate jackets from TPE
- S/UTP elements (braid + unshielded twisted pairs)
- 5 x [4 x 2 x 0.15 mm²] (AWG26/19) - stranded conductors
- robust PUR jacket



Suitable for A-Net, AVB (Audio/Video Bridging over Ethernet), CobraNet, Dante™ (AVB), Ethernet / EtherSound™ (Trademark of Digigram), RAVENNA (AVB) etc. Robust and mobile 5-fold data transmission cable with flexible stranded conductors, stabilizing TPE inner jackets, braid shields and PUR jackets. This robust data cable is particularly suitable for mobile use (windable on drums, tension-proof, crush resistant). Applications: 10Base-T, 100Base-T, 1000Base-T, ISDN, ATM, DMX lighting control and machine

Geignet für A-Net, AVB (Audio/Video Bridging over Ethernet), CobraNet, Dante™ (AVB), Ethernet / EtherSound™ (Trademark of Digigram), RAVENNA (AVB) etc. Robuste und mobile 5-fach Datenleitung aus Einzelelementen mit flexiblen Litzenleitern, stabilisierenden Innenmänteln aus TPE und Geflechtschirm. Die Verseilung mit einem zentralen PE Beilaufkern und der PUR-Außenmantel gewährleisten ein widerstandsfähiges Daten Multicore. Es ist trommelbar und eignet sich besonders für mobile Multi Datendienste: 10Base-T, 100Base-T, 1000Base-T, ISDN, ATM, EtherSound®, DMX-

	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, coverage > 80%
	Element Jacket	PUR, claret violet
	Twisting	5 data cables twisted around a central filler
	Overall Diameter	19.0 mm

	Leiter	blanke Cu-Litze, 19 x 0,10 mm
	Aderisolation	Foam-Skin-PE
	Paarverseilung	2 Adern zum Paar
	Gesamtverseilung	4 Paare zur Seele
	Innenmantel	TPE
	Abschirmung	verzinntes Cu-Geflecht, Bedeckung > 80%
	Elementmantel	PUR, bordeauxviolett
	Verseilung	5 Datenkabel miteinander verseilt
	Außendurchmesser	19,0 mm

	Conductor Resistance	< 130 Ω/km
	Capacitance	50 pF/m
	Characteristic Impedance	100 Ω ± 15 %

	Leiterwiderstand	< 130 Ω/km
	Betriebskapazität	50 pF/m
	Wellenwiderstand	100 Ω ± 15 %

Properties

Min. Bending Radius	5 x overall diameter
Working Temperature	-40°C / +85°C
Halogen-Free	acc. to IEC 60754-1

Eigenschaften

Min. Biegeradius	5 x Außendurchmesser
Betriebstemperatur	-40°C / +85°C
Halogenfrei	nach IEC 60754-1

Frequency [MHz] Frequenz [MHz]	Attenuation [dB/100m] Dämpfung [dB/100m]	Next [dB] 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

■ SW [black]

■ VI [violet]

Order Code Bestell-Nr.	Outer Jacket Außenmantel	Colour Farbe	Weight Gewicht	Standard Length [m] Standard Längen [m]	Max. Length / Reel Max. Länge / Spule
RC5-LB5S	PUR	black	370 g/m	50 / 100	300 m
RC5-LB5V	PUR	claret violet	370 g/m	50 / 100	300 m