



CAVI ARMATI **75**
ARMoured CABLES

UTP CAT 5e ARMATO GUAINA PE

UTP CAT 5e ARMoured PE

COSTRUZIONE / CONSTRUCTION

Conduttore / Conductor	24 AWG CU rosso / 24 AWG bare copper
Dielettrico / Dielectric	HDPE 0.88±0.1 mm
Armatura / Armour	Treccia FE-zn copertura 85% / FE-zn Braid coverage 85%
Guaina / Sheath	PE Nero RAL 9005 / PE Black RAL 9005 Diam. 8.0±0.30mm
Marcatura / Printing	ECS-UTP CAT.5e ARMoured OUTDOOR

PROPRIETÀ ELETTRICHE/ELECTRICAL PROPERTIES

Resistenza conduttore / Conductor Resistance	<93.8 Ω /Km at 20°C
Resistenza d'anello cc / CC Ring Resistance	<16.8 Ω/100 m
Capacità mutua / Mutual Capacitance	<53pF/100 m AT 1KHz
Impedenza / Standard impedance	100±15 Ω between 1 Mhz and 100 Mhz
Raggio Min curvatura / Min. Bending Radius	50 mm
Temperatura di esercizio / Operating Temperature	-20°C +60°C

NORMATIVE / RULES

ISO/IEC 11801-2Ed	10/100BASE (TIEEE 802.3)
ANSI TIA/ EIA 568-B.2	ATM,TP-PMD,ANSIX 39T,5(TP),LSDN,TP-DDI
EN 50173	ETHERNET, 1000 BASE-T
EN-50288-3-1	GIGABIT ETHERNET
UL	TOKEN RING (IEEE 802.05)

APPLICAZIONI / APPLICATIONS

Frequency (MHz)	RL(dB)	ATT(dB/100)	NEXT(dB)	PS.NEXT(dB)	ELFEXT(dB)	PS.ELFEXT(dB)
1	20	2.1	68.0	66.0	63.8	60.8
4	23.0	4.2	59.2	57.2	51.7	48.8
8	24.5	5.9	54.8	52.8	45.7	42.7
10	25	6.6	53.3	51.3	43.8	40.8
16	25	8.3	50.3	48.3	39.7	36.7
20	25	9.4	48.8	46.8	37.8	34.8
25	24.3	10.3	47.3	45.3	35.8	32.8
31.25	23.6	11.8	45.9	43.9	33.9	30.9
62.3	21.5	17.1	41.1	39.4	27.8	24.8
100	20.1	22.2	38.3	36.3	23.8	20.8
155	18.8	28.2	35.4	33.4	20	17
200	18	32.5	33.7	31.7	17.7	14.7

CODICE / ITEM NR

SEZIONE / SECTION

DIAM. / EXT. DIAM. mm

Kg/Km

AR-LUDER54A24UXNEB05	4x2xAWG24	8±0,3	50
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I dati riportati sono da considerarsi indicativi e non strettamente vincolanti / The details expressed above have to be considered as an indication.
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