

Data transmission cables, flame retardant, low halogen.



1. Cross
2. Conductor
3. Insulation
4. Assembling
5. Drain wire
6. Screen
7. Sheath

CPR
EU 305/2011

Eca

APPLICATION: Used for data transmission up to 250 MHz in structured cabling systems LAN (CEI EN 50173 class E). Installations not provided by upper and lower classes where there is no risk of fire or danger to people and / or people things (**Low risk installed individually**).

INSTALLATION: For fixed indoor installation. They can be installed on platforms, pipes, conduits and similar systems.

FEATURES	DESCRIPTION	STANDARDS
Conductor:	annealed red copper (23AWG)	
Insulation:	low density polyethylene LDPE	
Cores colour:	white blue/blue - white orange/orange - white green/green - white brown/brown	
Cross:	cross polyethylene separator	
Assembling:	Pet tape	
Drain wire:	annealed tinned copper	
Screen:	Al/Pet tape	
Sheath:	LSZH compound, M1 quality	CEI EN 50363
Sheath colour:	grey	
DC resistance:	< 190 Ω/km (loop)	CEI EN 50288-5-1/6-1
Impedance:	100 ± 5Ω a 100 MHz	
Testing voltage:	700 Vac x 1 min.	
Max working temperature:	70 °C	
Min. installation temperature:	0 °C	
Bending radius:	Ø x 8	
REGULATION (UE) 305/2011		
System AVCP:	3	EN 50575:2014 + A1:2016
Classification:	Eca	UNI EN 13501-6
Eca:	Flame propagation (H ≤ 425 mm)	EN 60332-1-2
Printing:	BERICA CAVI S.P.A. ITALY Type 100 OHM Eca Year/Lot - 00000 m	

	Mhz	4	10	16	20	31,25	62,5	100
Attenuation:	dB/100 m	4,0	6,3	8,0	9,0	11,4	16,5	21,3
NEXT:	dB/100 m	56,3	50,3	47,2	45,8	42,9	38,4	35,3
Return loss:	dB/100 m	23,0	25,0	25,0	25,0	23,6	21,5	20,1

TYPE	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
FTP 4x2x23AWG	7,3	54,0	B74E04CA24