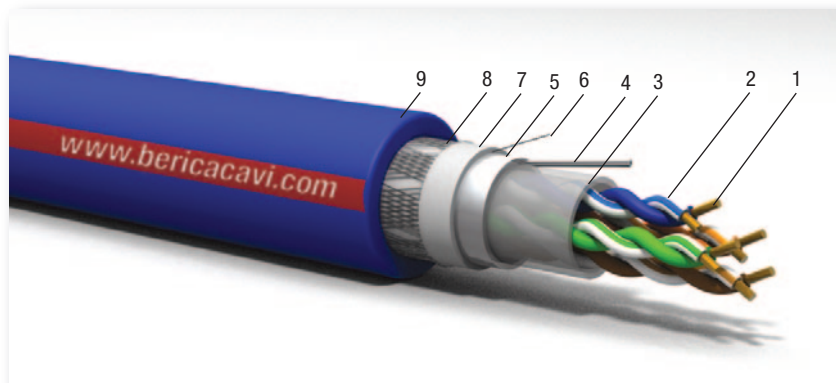


Data transmission cables, steel wire braid armour, flame retardant, low halogens emission and UV resistant.



1. Conductor
2. Insulation
3. Assembling
4. Drain wire
5. Screen
6. Stripping wire
7. Inner sheath
8. Armour
9. Outer sheath

CEI UNEL
36762

APPLICATION: Used for data transmission up to 100 MHz in structured cabling systems LAN (CEI EN 50173 class D), that require more protection against the elements and rodents and in particular ultraviolet rays.

INSTALLATION: For fixed indoor and outdoor installation. They can be installed on platforms, pipes, conduits and similar systems. They can be laid together with power cables with marking both 450/750V, and 0.6 / 1 kV, used for systems with a nominal voltage to ground (U₀) up to 400 V.

FEATURES	DESCRIPTION	STANDARD
Conductors :	annealed red copper (24AWG)	
Insulation :	low density polyethylene LDPE	
Cores colour :	with the blue/blue - white orange/orange - white green/green - white brown/brown	
Assembling :	Pet tape	
Drain wire :	annealed tinned copper	
Screen :	Al/Pet tape	
Stripping wire :	pet	
Inner sheath :	PVC	
Armour :	braid of galvanized steel	
Outer sheath :	PVC quality RZ	CEI EN 50363
Outer sheath colour :	blue RAL 5015 with red line RAL 3000	
Flame retardant :		CEI EN 60332-1-2
Low halogens emission :	(< 22%)	CEI EN 50267-2-1 - IEC 60754-1
Oil resistant :		CEI 20-34/0-1
UV resistant :		HD 605
DC resistance :	< 190 Ω/km (loop)	CEI EN 50288-2-1/3-1
Impedance :	100 ± 5Ω at 100 MHz	
Testing voltage :	700 Vac x 1 min.	
Max working temperature :	70 °C	
Min. installation temperature :	0 °C	
Bending radius :	Ø x 14	
Printing :	BERICA CAVI S.P.A. ITALY UV RESISTANT Type CEI UNEL 36762 C-4 (U ₀ =400 V) 100 OHM ARMOUR CE 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
UTP 4x2x24AWG	9,0	105,0	B7604CA24ARMATO
FTP 4x2x24AWG	9,9	115,0	B7504CA24ARMATO