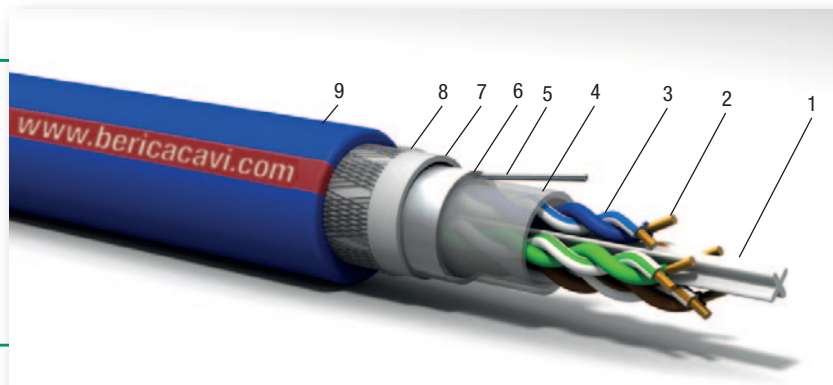


Data transmission cables, steel wire braid armour, flame retardant, low halogens emission and UV resistant.

**CEI UNEL**  
**36762**

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



**APPLICATION:** Used for data transmission up to 250 MHz in structured cabling systems LAN (CEI EN 50173 class E), that require more protection against the elements and rodents and in particular ultraviolet rays.

**INSTALLATION:** For fixed indoor and outdoor (only PVC sheath version) 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 (U<sub>0</sub>) up to 400 V.

FEATURES	DESCRIPTION	STANDARD
Conductors :	annealed red copper (23AWG)	
Insulation :	low density polyethylene LDPE	
Cores colour :	withe blue/blue - white orange/orange - withe green/green - white brown/brown	
Cross:	separator polyethylene cross	
Assembling :	Pet tape	
Drain wire :	annealed tinned copper	
Screen :	Al/Pet tape	
Inner sheath :	thermoplastic compound	
Armour :	braid of galvanized steel	
Outer sheath :	PVC, quality Rz or LSZH compound, M1 quality	CEI EN 50363
Outer sheath colour :	blue RAL 5015 with red line RAL 3000 (PVC) , blue RAL 5015 (M1)	
Flame retardant :		CEI EN 60332-1-2
Low halogens emission :	(< 22%)	CEI EN 50267-2-1/2 - IEC 60754-1/2
Oil resistant :		CEI 20-34/0-1
UV resistant :		HD 605
DC resistance :	< 190 Ω/km (loop)	CEI EN 50288-5-1/6-1
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/LSZH Type CEI UNEL 36762 C-4 (U <sub>0</sub> =400 V) 100 OHM ARMOUR CE Year/Lot - 00000 m	

	Mhz	4	20	62,5	100	155	200	250
Attenuation:	dB/100 m	3,8	8,5	15,5	19,9	25,3	29,1	33,0
NEXT:	dB/100 m	65,3	54,8	47,4	44,3	41,4	39,8	38,3
Return loss:	dB/100 m	24,5	25,0	21,5	20,1	18,8	18,0	17,3

TYPE	MEDIUM Ø OUTER mm	MEDIUM WEIGHT kg/km	PRODUCT CODE
UTP 4x2x23AWG	10,3	125,0	B7304CA24ARMATO
FTP 4x2x23AWG	11,1	135,0	B7404CA24ARMATO
UTP 4x2x23AWG LSZH	10,3	125,0	B7304CA24ARMLSZH
FTP 4x2x23AWG LSZH	11,1	135,0	B7404CA24ARMLSZH