

**CAVO TELEFONICO ARMATO TAMPONATO PER POSA SOTTERANEA
OUTDOOR TELEPHONE CABLE FOR DIRECT BURIAL**



**TIPO DI CAVO
CABLE TYPE**

TE GT/H5ENE
A-02YSF(L)2Yb2Y - (A-2YF(L)2Yb2Y)

Descrizione

Conduttore in rame elettrolitico (IEC28 - ASTM B3)
Isolamento in polietilene (BS 6234 03 C)
Completamente tamponato lungo la lunghezza con gel
Nastro in poliestere non igroscopico e con proprietà dielettriche
Nastro di alluminio biplaccato
Guaina interna in polietilene lineare a media densità (ASTM 1248 D)
Doppio strato di nastro di acciaio galvanizzato
Nastro igroscopico anti umidità
Guaina esterna in Polietilene ad alta densità (ASTM 1248 D)

Applicazioni

Costruzione per l'utilizzo impiego in reti urbane o simili e in svariate condizioni climatiche. In particolare questi cavi sono idonei alla posa sotterranea in tubazione o ad interrimento diretto

Description

Electrolytic copper conductor (IEC28 - ASTM B3)
Polyethylene Insulation (BS 6234 03 C)
Jelly filled
Polyester tape with dielectrical properties
Two-side coated aluminium tape
Medium Density Polyethylene inner sheath (ASTM 1248 D)
Double layer galvanized steel tape
Water swellable tape
HDPE outer sheath (ASTM 1248 D)

Applications

Suitable for urban networks (or similar) and for different climatic conditions due to their construction characteristics and quality of materials. Their mechanical resistance to vibrations, the high control and high resistance to bending, percussions, traction and crush strain, make them proper duct or direct buried installation.

Caratteristiche principali - Main characteristics

Proprietà Elettriche Electrical Properties	Diametro Conduttori Conductors diameter mm						
	0,4	0,5	0,6	0,63	0,65	0,8	0,9
Resistenza Conduttori - Conductors Resistance @ 20°C (Ohm/km)							
Massima Media - Max Average	139,4	89,4	62,1	58	57	35	27,6
Massima Individuale - Max Individual	146,6	93	64,6	60	58	37	28,8
Mutua Capacità - Mutual Capacitance 800 Hz (Nf/km)							
Massima Media - Max Average	50	50	45	45	45	45	45
Massima Individuale - Max Individual	56	56	51	51	51	51	51
Squilibrio di capacità - Capacitance Umbalance (Pf/500m)							
Tra Coppie - Between Pairs							
Massima Media - Max Average	125	125	60	60	60	60	60
Massima Individuale - Max Individual	350	350	325	325	325	325	325
Tra Quarte Adiacenti - Between Quads							
Massima Media - Max Average	125	125	60	60	60	60	60
Massima Individuale - Max Individual	275	275	270	270	270	270	270
verso Terra - to Ground							
Massima Media - Max Average	500	500	325	325	325	325	325
Massima Individuale - Max Individual	2000	2000	1300	1300	1300	1300	1300
Resistenza di Isolamento - Insulation Resistance 500 V DC (MΩ/km)	10000	10000	15000	15000	15000	15000	15000
Resistenza dielettrica - Dielectric Strength VDC 1 min							
Coppia-Coppia - Pair-Pair							
Coppia-Terra - Pair-Ground	1400	1400	2000	2000	2000	2400	3000
VDC 3 secs	1400	1400	2000	2000	2000	2400	3000
Coppia-Schermo - Pair-Shield	9000	9000	9000	9000	9000	9000	9000

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A-02YS(L)2Yb2Y -A-2YF(L)2Yb2Y

CODICE P/N	COPPIE PAIRS	CONDUTTORI CONDUCTORS mm	DIAMETRO ESTERNO NOM. NOM. OUTER DIAMETER mm	PESO NOM. NOM. WEIGHT kg/km	PEZZATURA STD STD PACKAGING m
3.170.4.5.1.0040.0.0002	2	0.4	11,0	144,8	1000-2000
3.170.4.5.1.0040.0.0004	4	0.4	11,0	157,9	1000-2000
3.170.4.5.1.0040.0.0006	6	0.4	12,0	186,7	1000-2000
3.170.4.5.1.0040.0.0010	10	0.4	12,0	199,7	1000-2000
3.170.4.5.1.0040.0.0020	20	0.4	15,0	282,6	1000-2000
3.170.4.5.1.0040.0.0030	30	0.4	17,0	407,1	1000-2000
3.170.4.5.1.0040.0.0040	40	0.4	18,0	458,3	1000
3.170.4.5.1.0040.0.0050	50	0.4	19,0	514,8	1000
3.170.4.5.1.0040.0.0070	70	0.4	20,0	608,4	1000
3.170.4.5.1.0040.0.0080	80	0.4	21,0	664,3	1000
3.170.4.5.1.0040.0.0100	100	0.4	23,0	779,4	1000
3.170.4.5.1.0040.0.0150	150	0.4	27,0	1.068,1	500
3.170.4.5.1.0040.0.0200	200	0.4	29,0	1.281,0	500
3.170.4.5.1.0040.0.0250	250	0.4	32,0	1.587,6	500
3.170.4.5.1.0040.0.0300	300	0.4	34,0	1.825,5	500
3.170.4.5.1.0040.0.0350	350	0.4	35,0	2.015,2	500
3.170.4.5.1.0040.0.0400	400	0.4	38,0	2.278,7	500
3.170.4.5.1.0040.0.0500	500	0.4	42,0	2.771,0	500
3.170.4.5.1.0040.0.0600	600	0.4	45,0	3.247,9	500
3.170.4.5.1.0040.0.0700	700	0.4	47,0	3.571,6	400
3.170.4.5.1.0040.0.0800	800	0.4	50,0	4.008,2	400
3.170.4.5.1.0040.0.0900	900	0.4	54,0	4.552,4	400
3.170.4.5.1.0040.0.1000	1000	0.4	56,0	4.961,7	400
3.170.4.5.1.0040.0.1200	1200	0.4	60,0	5.748,4	400
3.170.4.5.1.0040.0.1500	1500	0.4	67,0	7.120,6	300
3.170.4.5.1.0040.0.1600	1600	0.4	69,0	7.509,6	300
3.170.4.5.1.0040.0.1800	1800	0.4	73,0	8.434,6	300

CODICE P/N	COPPIE PAIRS	CONDUTTORI CONDUCTORS mm	DIAMETRO ESTERNO NOM. NOM. OUTER DIAMETER mm	PESO NOM. NOM. WEIGHT kg/km	PEZZATURA STD STD PACKAGING m
3.170.4.5.1.0050.0.0002	2	0.5	9,9	159,0	1000-2000
3.170.4.5.1.0050.0.0004	4	0.5	11,0	177,4	1000-2000
3.170.4.5.1.0050.0.0006	6	0.5	13,0	237,6	1000-2000
3.170.4.5.1.0050.0.0010	10	0.5	13,0	256,9	1000-2000
3.170.4.5.1.0050.0.0020	20	0.5	16,0	372,0	1000-2000
3.170.4.5.1.0050.0.0030	30	0.5	19,0	500,8	1000-2000
3.170.4.5.1.0050.0.0040	40	0.5	20,0	574,3	1000
3.170.4.5.1.0050.0.0050	50	0.5	21,0	654,3	1000
3.170.4.5.1.0050.0.0070	70	0.5	23,0	784,4	500
3.170.4.5.1.0050.0.0080	80	0.5	24,0	864,2	500
3.170.4.5.1.0050.0.0100	100	0.5	26,0	1.039,8	500
3.170.4.5.1.0050.0.0150	150	0.5	30,0	1.436,0	500
3.170.4.5.1.0050.0.0200	200	0.5	33,0	1.819,7	500
3.170.4.5.1.0050.0.0250	250	0.5	36,0	2.153,4	500
3.170.4.5.1.0050.0.0300	300	0.5	37,0	2.560,2	500
3.170.4.5.1.0050.0.0350	350	0.5	41,0	2.785,5	500
3.170.4.5.1.0050.0.0400	400	0.5	43,0	3.117,7	500
3.170.4.5.1.0050.0.0500	500	0.5	49,0	3.877,6	400
3.170.4.5.1.0050.0.0600	600	0.5	52,0	4.518,4	400
3.170.4.5.1.0050.0.0700	700	0.5	54,0	5.040,1	300
3.170.4.5.1.0050.0.0800	800	0.5	58,0	5.680,0	300
3.170.4.5.1.0050.0.0900	900	0.5	63,0	6.464,0	300
3.170.4.5.1.0050.0.1000	1000	0.5	65,0	7.068,3	300
3.170.4.5.1.0050.0.1200	1200	0.5	70,0	8.223,2	300
3.170.4.5.1.0050.0.1500	1500	0.5	78,0	10.214,6	300
3.170.4.5.1.0050.0.1600	1600	0.5	81,0	10.798,0	300
3.170.4.5.1.0050.0.1800	1800	0.5	86,0	12.147,0	300

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3.170.4.5.1.0060.0.0002	2	0.6	12,0	173,7	1200
3.170.4.5.1.0060.0.0004	4	0.6	12,0	200,0	1200
3.170.4.5.1.0060.0.0006	6	0.6	14,0	253,4	1200
3.170.4.5.1.0060.0.0010	10	0.6	14,0	279,7	1200
3.170.4.5.1.0060.0.0020	20	0.6	18,0	424,3	1200
3.170.4.5.1.0060.0.0030	30	0.6	21,0	645,0	1200
3.170.4.5.1.0060.0.0040	40	0.6	23,0	748,6	1200
3.170.4.5.1.0060.0.0050	50	0.6	24,0	860,0	1200
3.170.4.5.1.0060.0.0070	70	0.6	26,0	1.050,3	800
3.170.4.5.1.0060.0.0080	80	0.6	28,0	1.161,5	800
3.170.4.5.1.0060.0.0100	100	0.6	30,0	1.400,9	800
3.170.4.5.1.0060.0.0150	150	0.6	37,0	1.990,6	400
3.170.4.5.1.0060.0.0200	200	0.6	40,0	2.437,9	400
3.170.4.5.1.0060.0.0250	250	0.6	44,0	3.015,0	400
3.170.4.5.1.0060.0.0300	300	0.6	47,0	3.524,5	400
3.170.4.5.1.0060.0.0350	350	0.6	50,0	3.921,8	400
3.170.4.5.1.0060.0.0400	400	0.6	52,0	4.398,0	400
3.170.4.5.1.0060.0.0500	500	0.6	60,0	5.521,4	400
3.170.4.5.1.0060.0.0600	600	0.6	65,0	6.502,7	400
3.170.4.5.1.0060.0.0700	700	0.6	67,0	7.216,1	400
3.170.4.5.1.0060.0.0800	800	0.6	72,0	8.166,1	400
3.170.4.5.1.0060.0.0900	900	0.6	78,0	9.323,8	400
3.170.4.5.1.0060.0.1000	1000	0.6	81,0	10.222,7	400
3.170.4.5.1.0060.0.1200	1200	0.6	87,0	11.908,3	400

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3.170.4.5.1.0080.0.0002	2	0.8	12,0	204,4	1200
3.170.4.5.1.0080.0.0004	4	0.8	13,0	243,5	1200
3.170.4.5.1.0080.0.0006	6	0.8	15,0	319,7	1200
3.170.4.5.1.0080.0.0010	10	0.8	16,0	363,1	1200
3.170.4.5.1.0080.0.0020	20	0.8	20,0	578,4	1200
3.170.4.5.1.0080.0.0030	30	0.8	25,0	900,4	1200
3.170.4.5.1.0080.0.0040	40	0.8	27,0	1.064,6	1200
3.170.4.5.1.0080.0.0050	50	0.8	29,0	1.244,0	1200
3.170.4.5.1.0080.0.0070	70	0.8	31,0	1.551,5	800
3.170.4.5.1.0080.0.0080	80	0.8	33,0	1.729,1	800
3.170.4.5.1.0080.0.0100	100	0.8	37,0	2.118,1	800
3.170.4.5.1.0080.0.0150	150	0.8	45,0	3.068,6	400
3.170.4.5.1.0080.0.0200	200	0.8	49,0	3.808,3	400
3.170.4.5.1.0080.0.0250	250	0.8	54,0	4.725,7	400
3.170.4.5.1.0080.0.0300	300	0.8	58,0	5.550,4	400
3.170.4.5.1.0080.0.0350	350	0.8	61,0	6.188,6	400
3.170.4.5.1.0080.0.0400	400	0.8	65,0	7.006,3	400
3.170.4.5.1.0080.0.0500	500	0.8	74,0	8.837,8	400
3.170.4.5.1.0080.0.0600	600	0.8	81,0	10.446,8	400

CODICE P/N	COPPIE PAIRS	CONDUTTORI CONDUCTORS mm	DIAMETRO ESTERNO NOM. OUTER DIAMETER mm	PESO NOM. NOM. WEIGHT kg/km	PEZZATURA STD STD PACKAGING m
3.170.4.5.1.0090.0.0002	2	0.9	13,0	217,7	1200
3.170.4.5.1.0090.0.0004	4	0.9	14,0	265,0	1200
3.170.4.5.1.0090.0.0006	6	0.9	16,0	351,5	1200
3.170.4.5.1.0090.0.0010	10	0.9	16,0	405,0	1200
3.170.4.5.1.0090.0.0020	20	0.9	21,0	660,7	1200
3.170.4.5.1.0090.0.0030	30	0.9	26,0	1.034,8	800
3.170.4.5.1.0090.0.0040	40	0.9	28,0	1.232,7	800
3.170.4.5.1.0090.0.0050	50	0.9	31,0	1.451,6	800
3.170.4.5.1.0090.0.0070	70	0.9	34,0	1.824,3	800
3.170.4.5.1.0090.0.0080	80	0.9	35,0	2.038,6	800
3.170.4.5.1.0090.0.0100	100	0.9	39,0	2.505,5	400
3.170.4.5.1.0090.0.0150	150	0.9	48,0	3.656,1	400
3.170.4.5.1.0090.0.0200	200	0.9	53,0	4.559,5	400
3.170.4.5.1.0090.0.0250	250	0.9	58,0	5.663,1	400
3.170.4.5.1.0090.0.0300	300	0.9	63,0	6.670,4	400
3.170.4.5.1.0090.0.0350	350	0.9	66,0	7.457,2	400
3.170.4.5.1.0090.0.0400	400	0.9	70,0	8.455,1	400
3.170.4.5.1.0090.0.0500	500	0.9	80,0	10.677,0	400
3.170.4.5.1.0090.0.0600	600	0.9	87,0	12.636,6	400

