

**Electrical performance:**

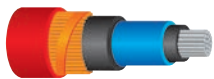
CEI 20-24 • CEI 20-62/1 • HD 629-1

Kit composition:

Three single core terminations

RANGES OF APPLICATION

For single core cables type:

**Extruded cable
copper wire screened****Extruded cable
copper tape screened****TEMPERATURES****105°C**

Working temperature

**140°C**

Max overload temperature

**300°C**

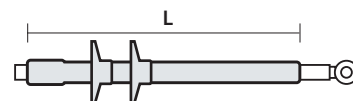
Short circuit temperature

To select the right termination:Cable code, section in mm², nominal voltage, indoor or outdoor installation.

COLD-SHRINK TERMINATIONS FOR OUTDOOR USE

Silicone rubber outdoor terminations with electric field control and bell-shaped insulators. For extruded cables up to **18/30 kV (Um 36 kV)**.

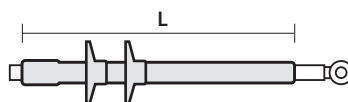
The Raytech silicone sheath, supplied pre-expanded, is flame retardant, is highly anti-tracking, has very high elastic characteristics, is able to maintain pressure on the cable during operation, is water-repellent and is extremely sturdy. With pre-dilated silicone fins on a spiral support for modular installation of the outdoor accessory for upside-down installation. Raytech terminations are suitable for external, very compact applications, complete with all components. Each kit contains 3 single core outdoor terminations. The components are cold-installed without tools, unwinding the pigtail wire.

**For cables****(A)RG16H1R12 and (A)RG7H1R insulation thickness FULL**

Product	Item	U _{max} (kV)	Ø on insulation (mm)	Ø on external sheath (mm)	Conductor cross section (mm ²)	L (mm)
AUTO 10/120-E	10120-E-AUTO	12	15,3 - 20,2	24,6 - 29,6	50 - 120	410
AUTO 10/240-E	10240-E-AUTO		18,7 - 25,6	28,0 - 35,8	95 - 240	410
AUTO 10/300-E	10300-E-AUTO		28,0 - 29,0	35,5 - 39,0	300	410
AUTO 10/630-E	10630-E-AUTO	17,5	28,3 - 37,8	38,5 - 49,4	300 - 630	420
AUTO 15/70-E	1570-E-AUTO		16,3 - 19,2	25,6 - 28,7	35 - 70	410
AUTO 15/240-E	15240-E-AUTO		19,2 - 27,8	28,7 - 38,1	70 - 240	410
AUTO 15/300-E	15300-E-AUTO	24	30,0 - 31,0	38,0 - 41,0	300	410
AUTO 15/630-E	15630-E-AUTO		30,4 - 40,0	40,2 - 52,1	300 - 630	420
AUTO 20/50-E	2050-E-AUTO		17,3 - 19,5	27,8 - 29,0	25 - 50	410
AUTO 20/185-E	20185-E-AUTO	36	19,5 - 27,4	29,0 - 37,8	50 - 185	410
AUTO 20/240-E	20240-E-AUTO		27,5 - 31,0	35,7 - 41,0	185 - 240	410
AUTO 20/630-E	20630-E-AUTO		29,8 - 42,0	40,2 - 54,2	240 - 630	420
AUTO 30/95-E	3095-E-AUTO	36	22,3 - 27,9	33,5 - 38,5	25 - 95	680
AUTO 30/120-E	30120-E-AUTO		29,4 - 31,0	37,3 - 41,2	120 - 150	680
AUTO 30/400-E	30400-E-AUTO		30,6 - 40,3	39,0 - 51,3	150 - 400	680

For cables RG7H1M1 insulation thickness LOW

Product	Item	U _{max} (kV)	Ø on insulation (mm)	Ø on external sheath (mm)	Conductor cross section (mm ²)	L (mm)
AUTO 20/50-E	2050-E-AUTO	24	17,0 - 19,0	23,3 - 25,3	25 - 70	410
AUTO 20/185-E	20185-E-AUTO		21,0 - 28,0	26,7 - 34,5	95 - 240	410
AUTO 20/240-E	20240-E-AUTO		28,0 - 31,5	34,6 - 42,0	240 - 300	410
AUTO 20/630-E	20630-E-AUTO	36	31,0 - 41,0	37,4 - 48,3	300 - 630	420
AUTO 30/95-E	3095-E-AUTO		25,0 - 27,0	31,2 - 33,4	50 - 120	680
AUTO 30/120-E	30120-E-AUTO		28,0 - 29,0	32,3 - 35,0	150 - 185	680
AUTO 30/400-E	30400-E-AUTO		28,0 - 40,0	34,6 - 47,9	150 - 500	680



For cables CPR RG26H1M16 12/20 kV (U_{max} 24 kV)

Product Item	Nominal voltage U _{max} (kV)	Ø on insulation (mm)	Ø on external sheath (mm)	Conductor cross section (mm ²)	L (mm)
AUTO 20/50-E 2050-E-AUTO	24	17	26	25	410
		17	27	35	
		18	28	50	
AUTO 20/185-E 20185-E-AUTO	24	19	29	70	410
		20,6	30	95	
		22	32	120	
		23,7	34	150	
AUTO 20/240-E 20240-E-AUTO	24	25	36	185	410
		27,8	39	240	
		30,8	43	300	
AUTO 20/630-E 20630-E-AUTO	24	33	46	400	420
		37	49	500	
		40	51	630	

For cables CPR RG26H1M16 18/30 kV (U_{max} 36 kV)

Product Item	Nominal voltage U _{max} (kV)	Ø on insulation (mm)	Ø on external sheath (mm)	Conductor cross section (mm ²)	L (mm)
AUTO 30/95-E 3095-E-AUTO	36	25,6	32	35	680
		25	35	50	
		25	36	70	
		26	37	95	
		27	38	120	
AUTO 30/120-E 30120-E-AUTO	36	28,2	39	150	680
		29,2	41	185	
		31,5	43	240	
AUTO 30/400-E 30400-E-AUTO	36	34,4	46	300	680
		37	48	400	
		41	52	500	

The accessories for cables in accordance with CPR, type RG26H1M16 (Italian designation), are suitable for

- Cables with copper conductors
- Special thermoplastic sheath
- Red copper wire screen
- High modulus rubber insulation

★ ADVANTAGES

- Rapid installation for lower labour cost
- Highly reliable and safe for operators
- Installation without heating and without tools

