



Electrical performance:

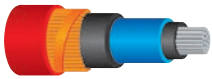
CEI 20-24 • CEI 20-62/1 • HD 629-1

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 INDOOR USE

Silicone rubber terminations with electric field control. For extruded cables up to **18/30 kV (Um 36 kV)**.

Cold-shrink technology is based on pre-dilated insulating sheaths on a removable spiral support, which is removed without tools during installation to allow for complete covering of the cable insulation. 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. Raytech terminations are suitable for indoor, very compact applications, with a smooth structure and complete with all components. Each kit contains 3 single core indoor terminations. The components are cold-installed without tools, unwinding the pigtail wire.



For cables

(A)RG16HIR12 and (A)RG7HIR insulation thickness FULL

Product	Item	U _{max} (kV)	∅ on insulation (mm)	∅ on external sheath (mm)	Conductor cross section (mm ²)	L (mm)
AUTO 10/120-I	10120-I-AUTO	12	15,3 - 20,2	24,6 - 29,6	50 - 120	320
AUTO 10/240-I	10240-I-AUTO		18,7 - 25,6	28,0 - 35,8	95 - 240	
AUTO 10/630-I	10630-I-AUTO		28,2 - 37,8	38,5 - 49,4	300 - 630	
AUTO 15/70-I	1570-I-AUTO	17,5	16,3 - 19,2	25,6 - 28,7	35 - 70	
AUTO 15/240-I	15240-I-AUTO		19,2 - 27,8	28,7 - 38,1	70 - 240	
AUTO 15/630-I	15630-I-AUTO		27,8 - 40,0	38,1 - 52,1	240 - 630	
AUTO 20/50-I	2050-I-AUTO	24	17,3 - 19,5	27,8 - 29,0	25 - 50	410
AUTO 20/185-I	20185-I-AUTO		19,5 - 27,4	29,0 - 37,8	50 - 185	
AUTO 20/630-I	20630-I-AUTO		29,8 - 42,0	40,2 - 54,2	240 - 630	
AUTO 30/95-I	3095-I-AUTO	36	22,3 - 27,9	33,5 - 38,5	22 - 95	
AUTO 30/120-I	30120-I-AUTO		29,4 - 31,0	37,3 - 41,2	120 - 150	
AUTO 30/400-I	30400-I-AUTO		30,6 - 40,3	39,0 - 51,3	150 - 400	

For cables RG7HIM1 insulation thickness LOW

Product	Item	U _{max} (kV)	∅ on insulation (mm)	∅ on external sheath (mm)	Conductor cross section (mm ²)	L (mm)
AUTO 20/50-I	2050-I-AUTO	24	17,0 - 19,0	23,3 - 25,3	25 - 70	320
AUTO 20/185-I	20185-I-AUTO		21,0 - 28,0	26,7 - 34,5	95 - 240	
AUTO 20/630-I	20630-I-AUTO		28,0 - 41,0	34,6 - 48,3	240 - 630	
AUTO 30/95-I	3095-I-AUTO	36	25,0 - 27,0	31,2 - 33,4	50 - 120	410
AUTO 30/120-I	30120-I-AUTO		28,0 - 29,0	32,3 - 35,0	150 - 185	
AUTO 30/400-I	30400-I-AUTO		28,0 - 40,0	34,6 - 47,9	150 - 500	



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

Product Item	Nominal voltage U _{max} (kV)	∅ on insulation (mm)	∅ on external sheath (mm)	Conductor cross section (mm ²)	L (mm)
AUTO 20/50-I 2050-I-AUTO	24	17	26	25	320
		17	27	35	
		18	28	50	
AUTO 20/185-I 20185-I-AUTO	24	19	29	70	320
		20,6	30	95	
		22	32	120	
		23,7	34	150	
AUTO 20/630-I 20630-I-AUTO	24	25	36	185	320
		27,8	39	240	
		30,8	43	300	
		33	46	400	
		37	49	500	
		40	51	600	

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

Product Item	Nominal voltage U _{max} (kV)	∅ on insulation (mm)	∅ on external sheath (mm)	Conductor cross section (mm ²)	L (mm)
AUTO 30/95-I 3095-I-AUTO	36	25,6	32	35	410
		25	35	50	
		25	36	70	
		26	37	95	
		27	38	120	
AUTO 30/120-I 30120-I-AUTO	36	28,2	39	150	410
		29,2	41	185	
AUTO 30/400-I 30400-I-AUTO	36	31,5	43	240	410
		34,5	46	300	
		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

