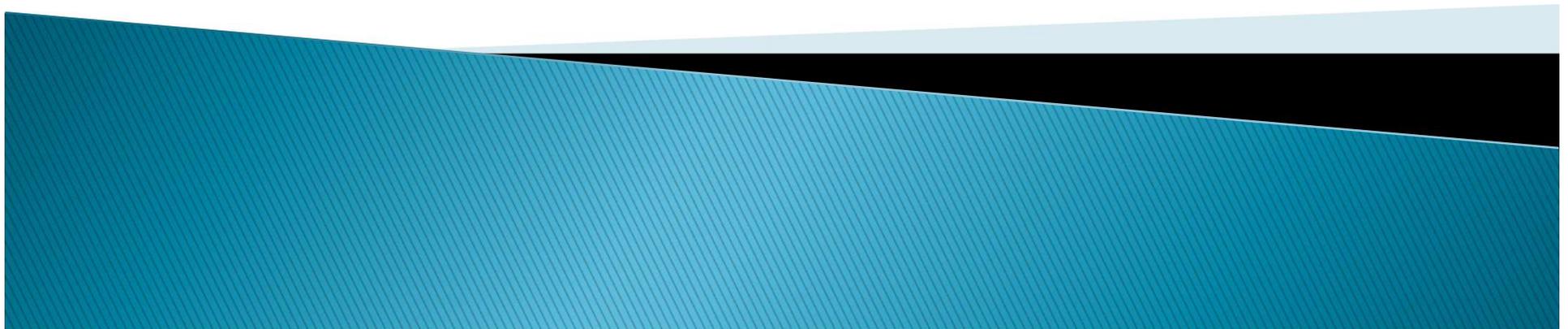
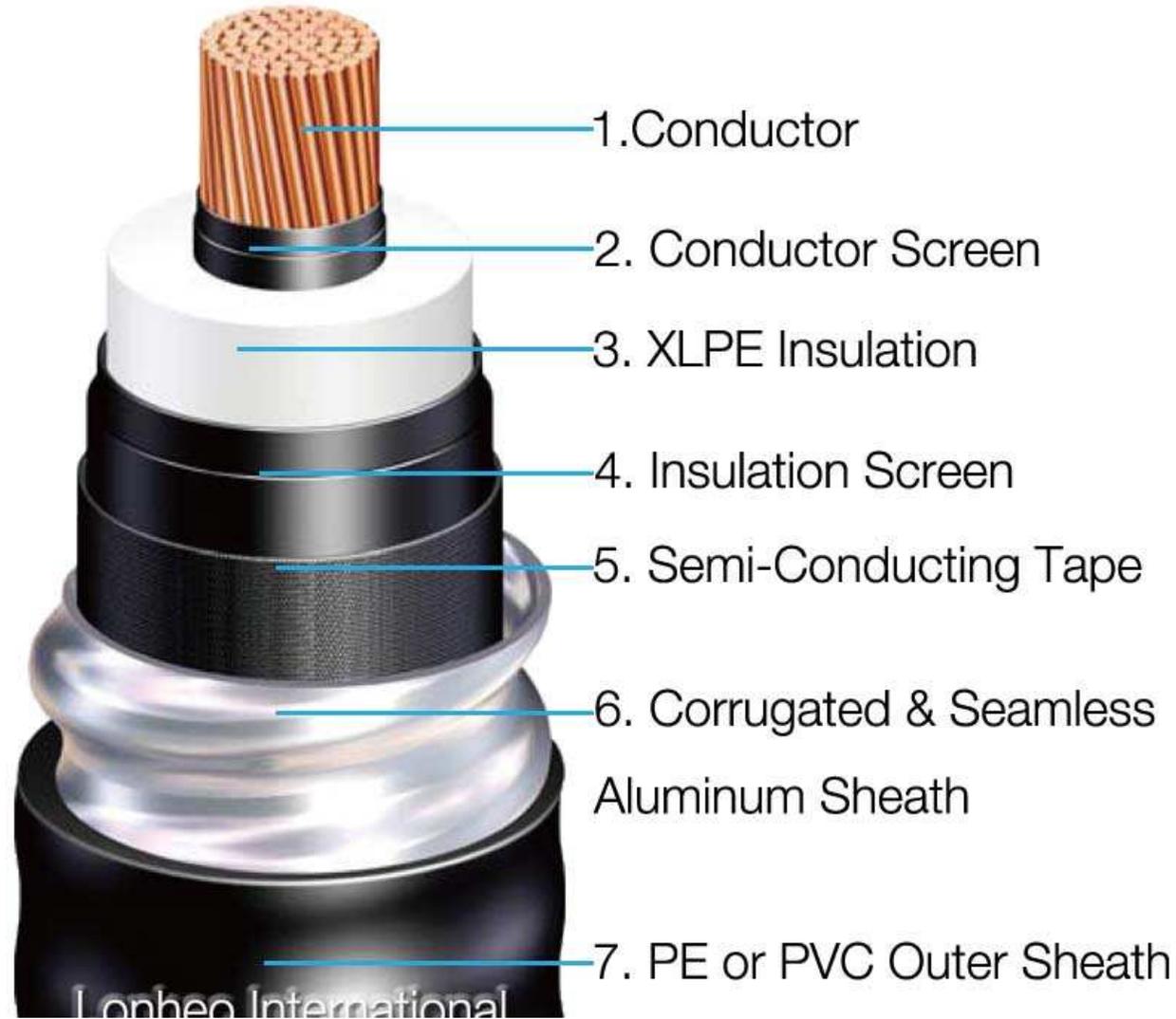


UNIDAD 5

Cables subterráneos

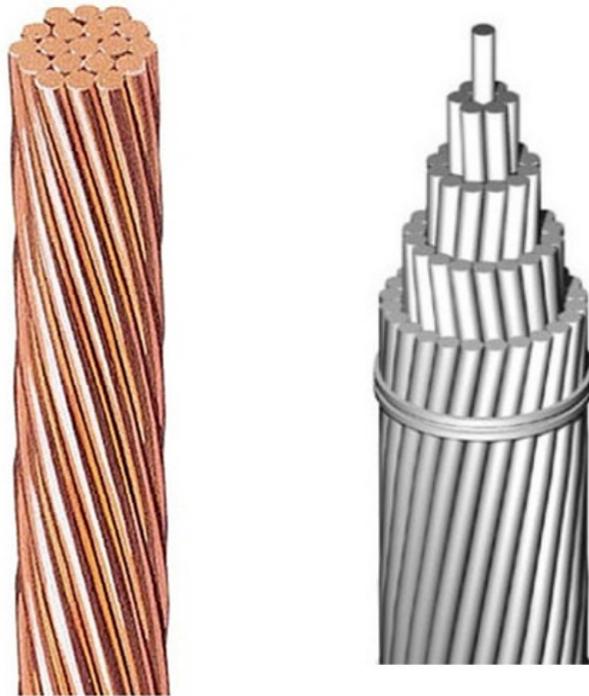


Cables subterráneos



Cables subterráneos

Conductor: cobre o aluminio

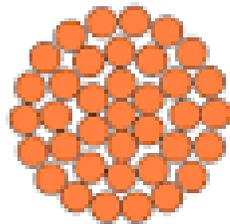


Cables subterráneos

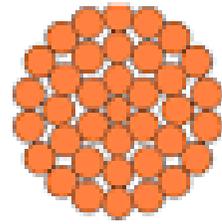
Conductor:



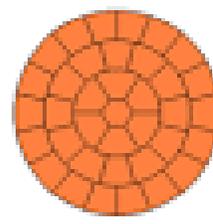
Alambre



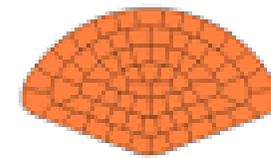
Concéntrico
(No. de alambres
= 1+6+12+18+...)



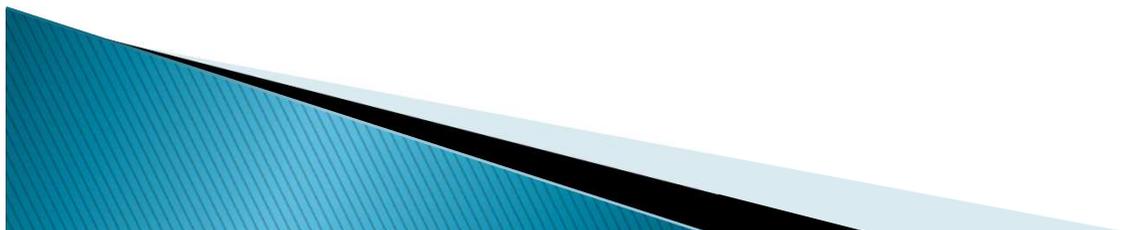
Comprimido
(\varnothing min = 0.97 \varnothing
concéntrico)



Compacto
(\varnothing \approx 0.91 \varnothing
concéntrico)

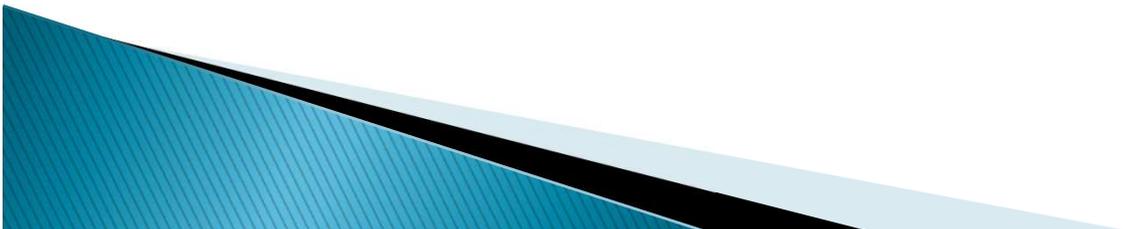
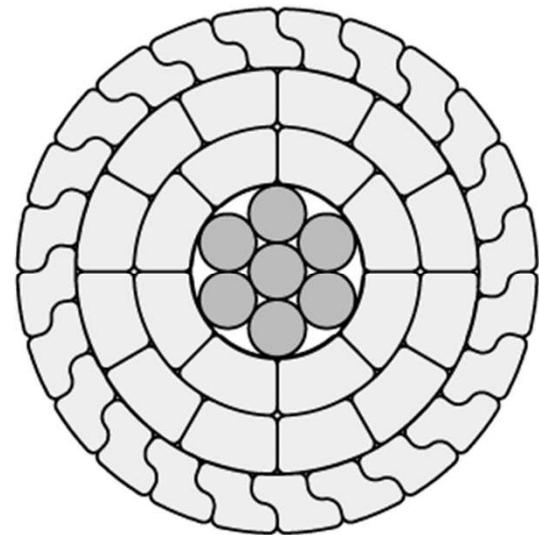
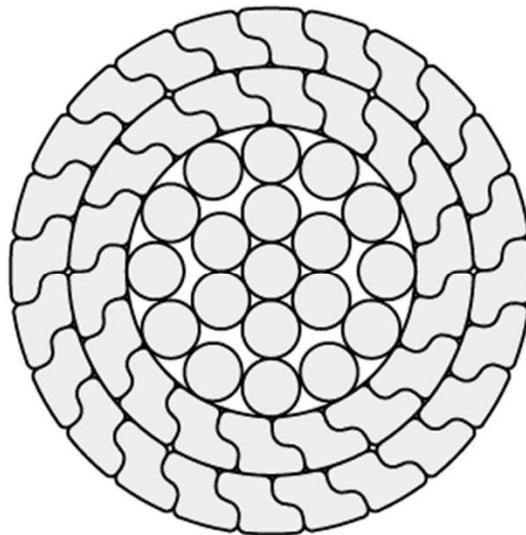
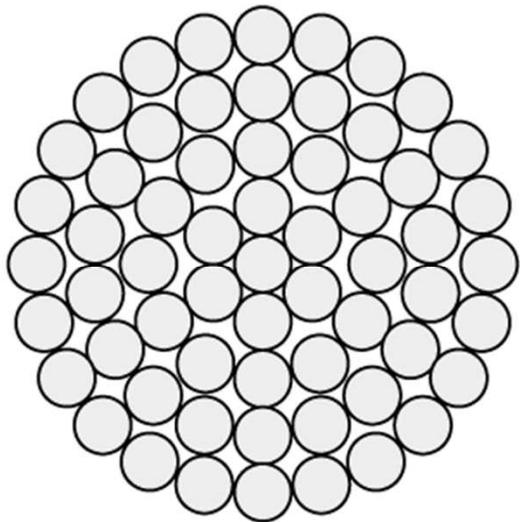


Sectorial
(Cables trifásicos)



Cables subterráneos

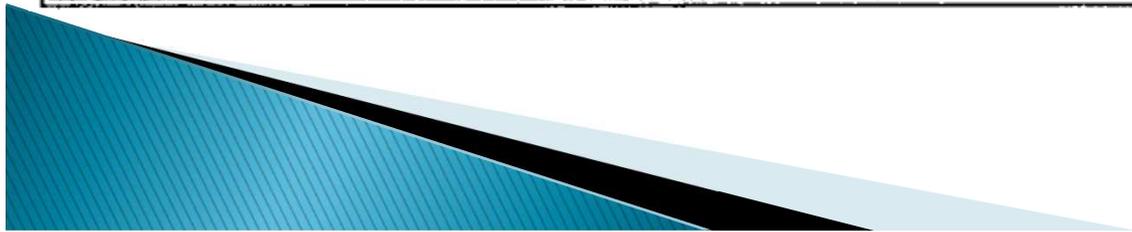
Conductor:



Cables subterráneos

Aislante:

Aislamientos	Papel impregnado		
	Cambray barnizado		
	Termoplásticos	Cloruro de polivinil (PVC)	
		Polietileno	Baja densidad Alta densidad
	Termofijos	Hule natural	
		Hules sintéticos	Estireno-butadieno (SBR) Butilo Neopreno Etileno-propileno (EPR)
		Polietileno sulfoclorado Polietileno vulcanizado	



Cables subterráneos

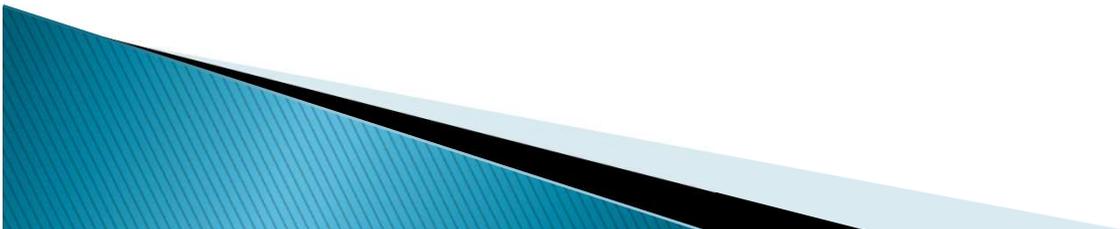
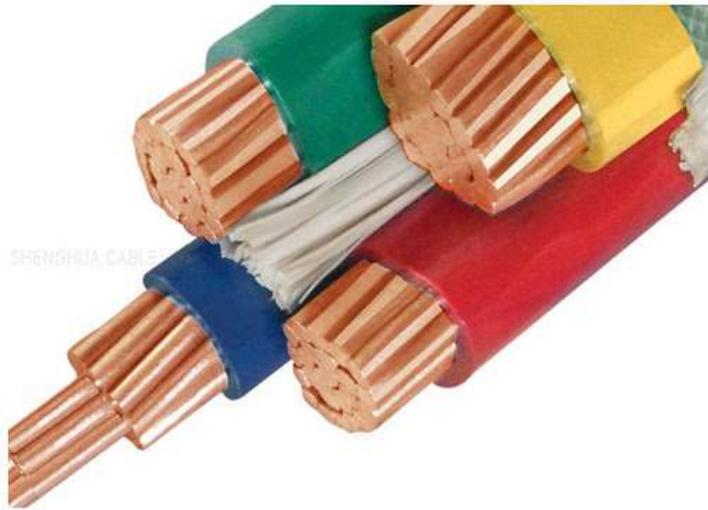
Aislante:

Papel impregnado en aceite



Cables subterráneos

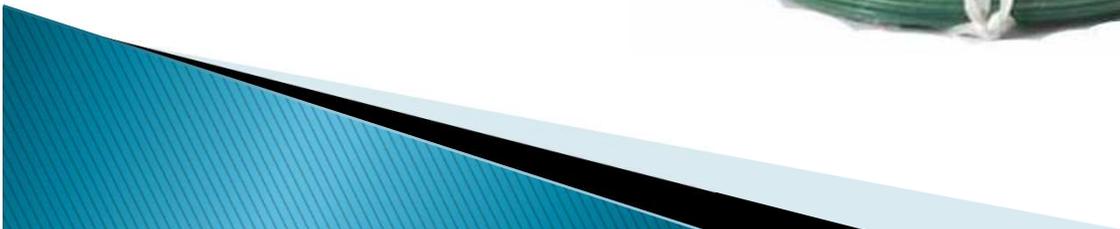
Aislante:
Cloruro de polivinilo PVC



Cables subterráneos

Aislante:

Cloruro de polivinilo PVC



Cables subterráneos

Aislante:

Polietileno reticulado XLPE



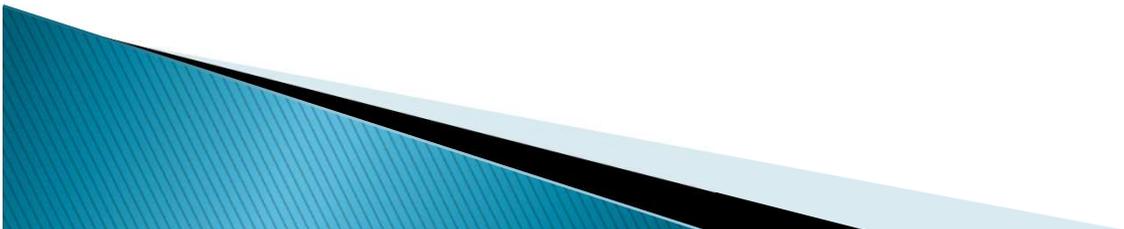
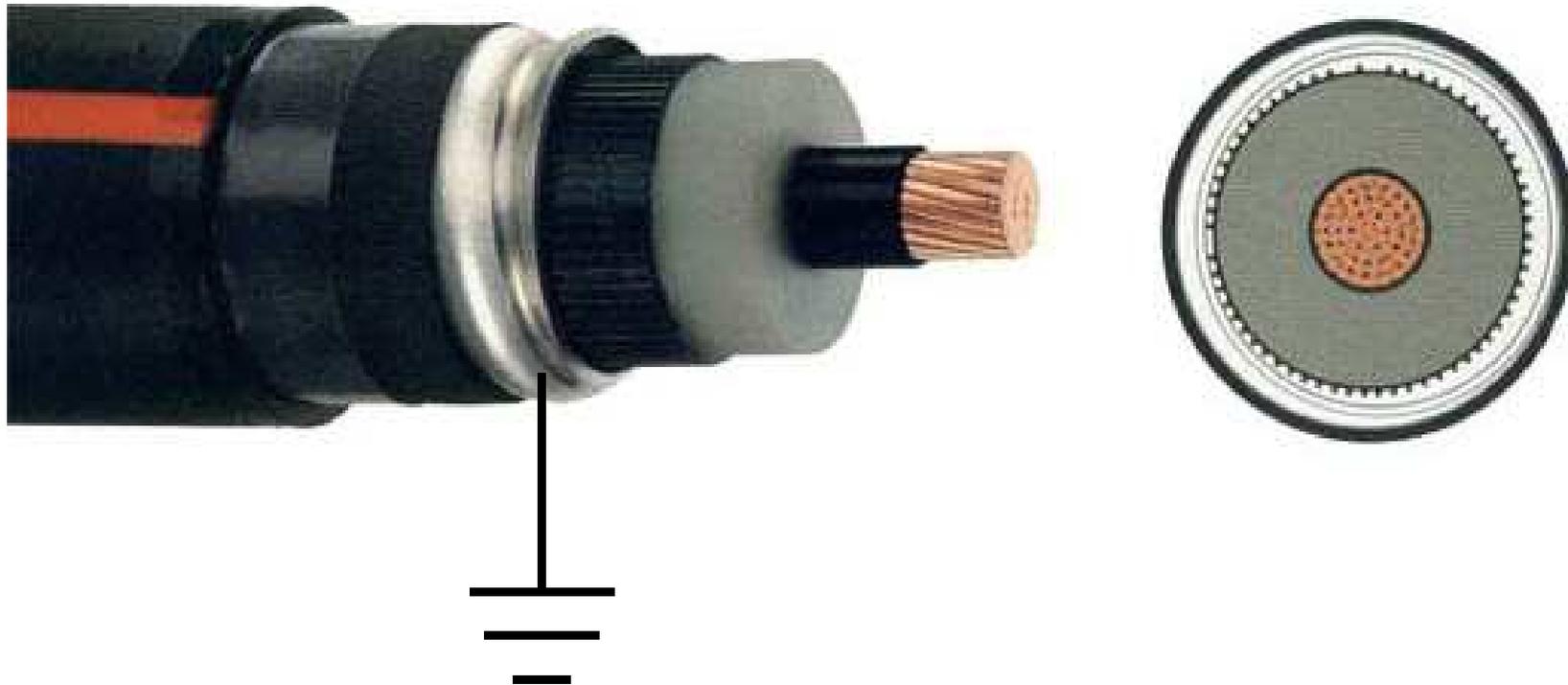
Cables subterráneos

Cubierta semi conductora:



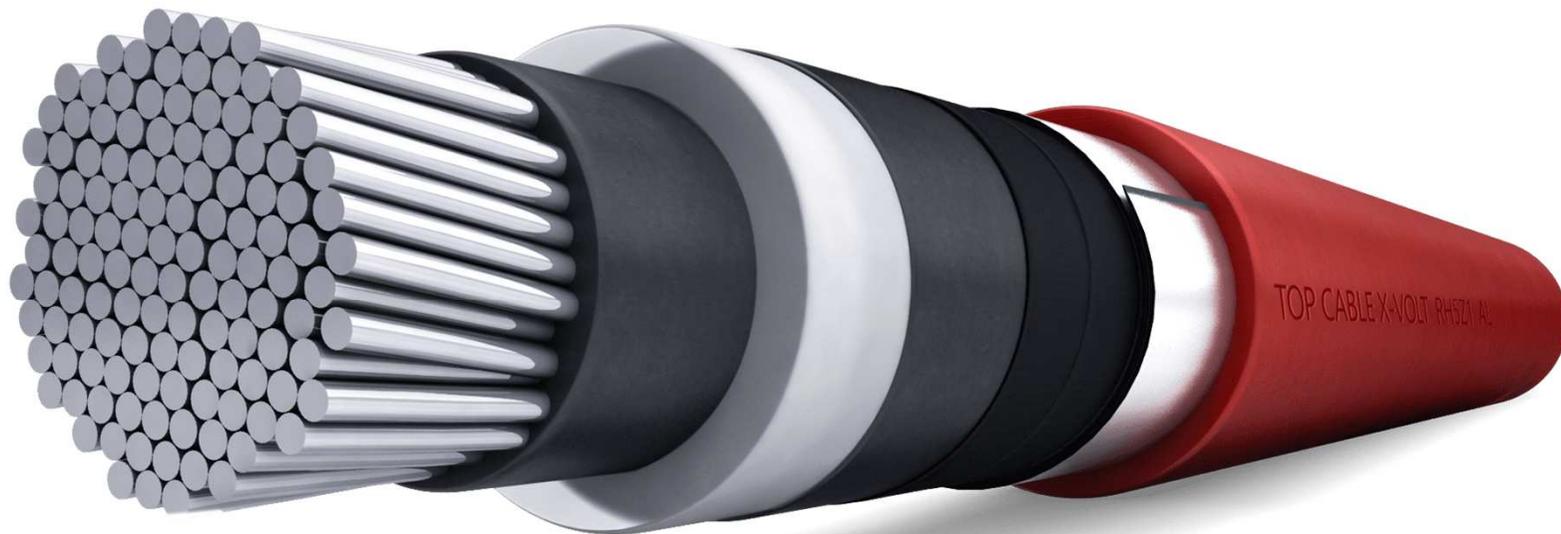
Cables subterráneos

Pantalla electrostática:



Cables subterráneos

Protección mecánica:



Cables subterráneos

Ejecución de puntas terminales:



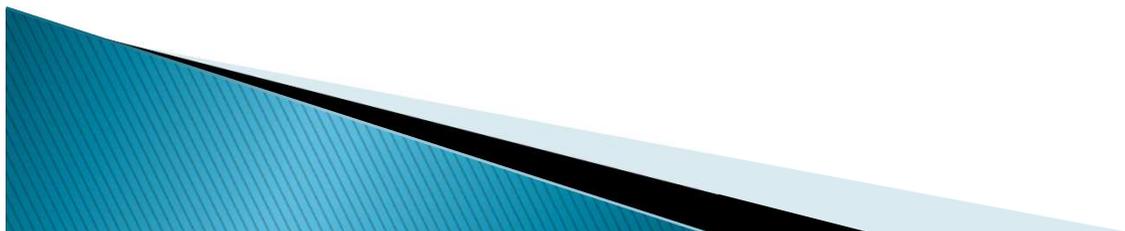
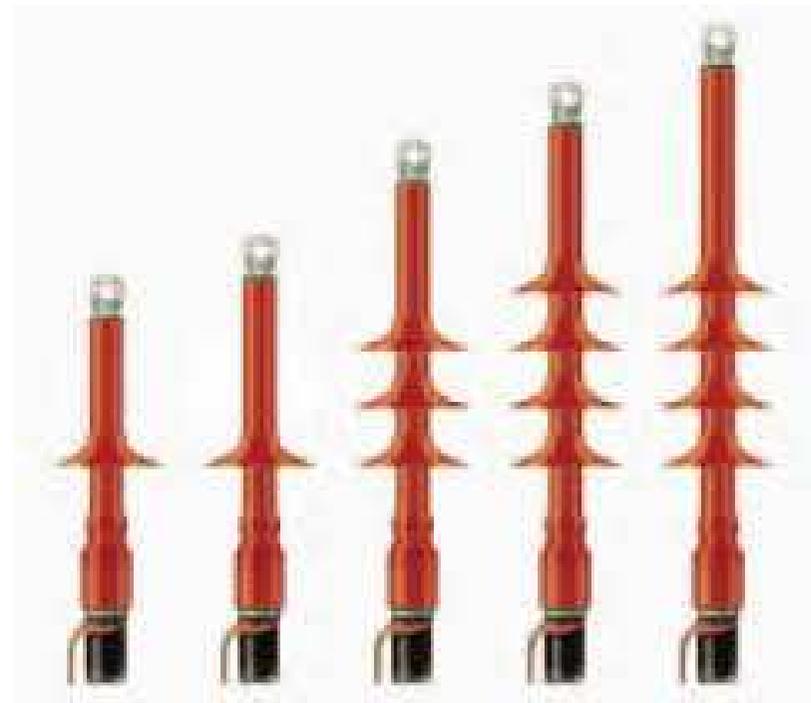
Cables subterráneos

Ejecución de puntas terminales:



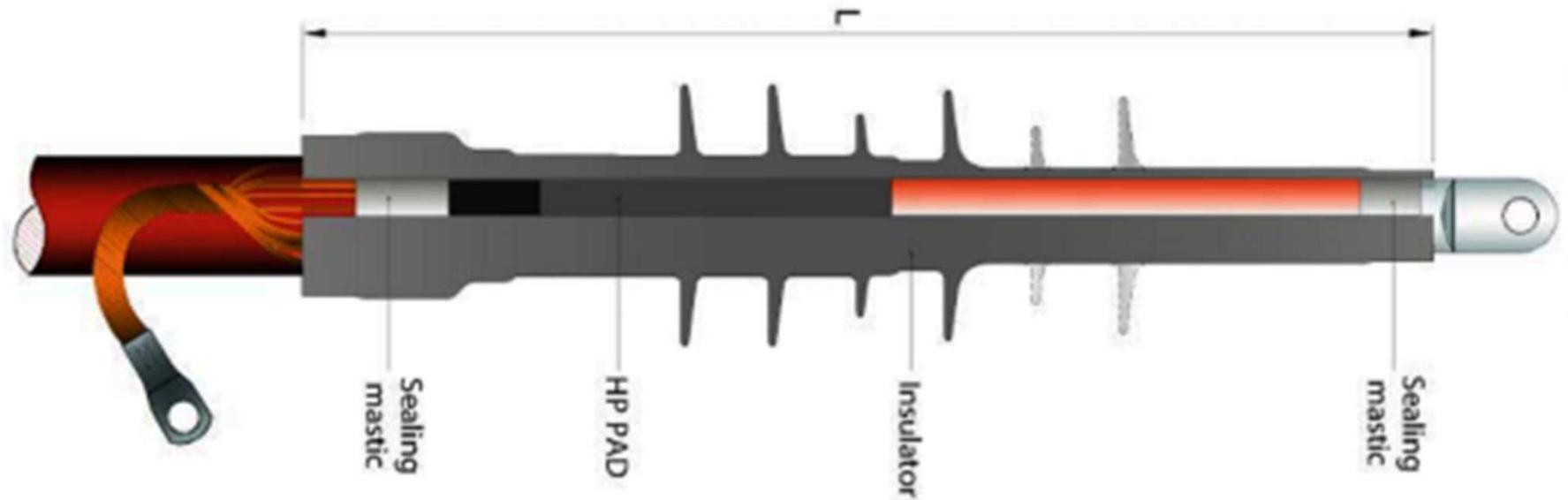
Cables subterráneos

Ejecución de puntas terminales:

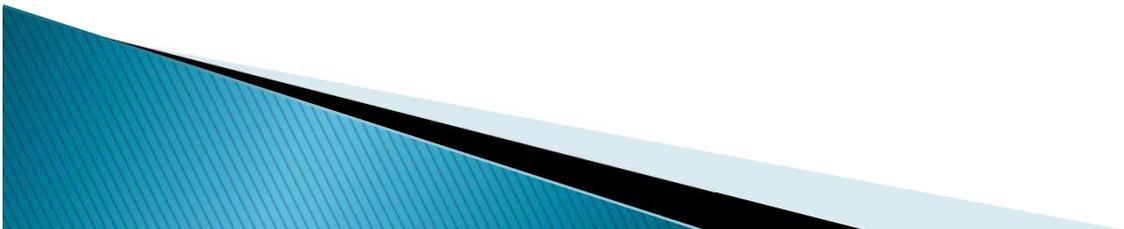


Cables subterráneos

Ejecución de puntas terminales:



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Cables subterráneos

Ejecución de puntas terminales:



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Ejecución de puntas terminales:



Cables subterráneos

