

Yair Duchovni Cables Ltd.

Copper Cables Golden Service

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Codes for Power Cables per IS 1516-1(2012) and IS-1516-2 (2009) (*)

<u>Designation</u>	Insulating material	Armor	Number of conductors	Screening conductors	Fire retardance rating
N standard	2X cross-linked PE (XLPE)	B galvanized steel tape armor	<u>conductors</u>	overall cross section in mm ²	FR1 meeting IEC-
	Y PVC	F galvanized flat steel wires			60332-1 FR3 meeting IEC
		G counter-wound helix of galvanized steel tapes			60332-3-24
		R galvanized round steel wires			
	X		X 1		
Conductor		ric Conductor Jacket mater		Voltage	rating
- copper		Y PVC	cross- section in	0.6/1 kV	
A alumin	um	xial conductor 2Y polyethy		3.6/6 kV	
		xial conductor H HFFR/LS each individual	SZH	6/10 kV	
		n a multi-phase		12/20 kV	
		er screen		18/30 kV	
		iconductor and			
	copy	per screen over i individual unit in ulti-phase cable			
	(F) long	tudinal water- king *	Not exhaustive - some options	were omitted for the sake o	of clarity. Consult

the Standards for details.