

SYNTAX[®] CABLE

Technical datasheet

Cable code

7Z24ESX40KPUR

Description

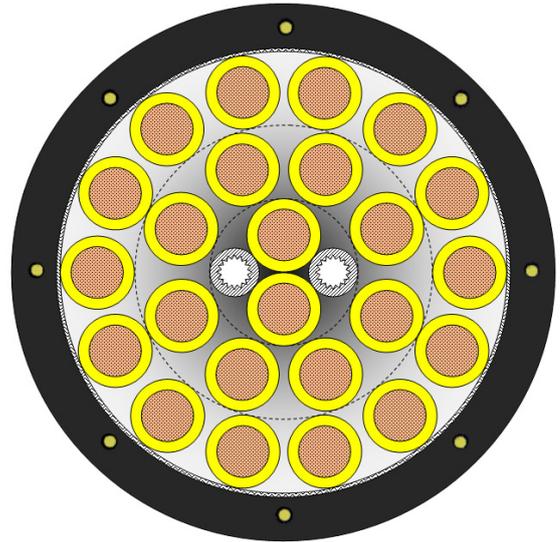
KEVLAR BRAIDED 24x4.00 mm²

Creation Date

30/05/2023

Revision Date

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conductors				Standard
Conductor type	Stranded bare copper	Class	5-6	IEC 60228
Formation	126x0.20	Nom. Ø mm	2.60	
Insulation				Standard
Material	PVC	Type	R	IEC 60227
Nominal Ø (mm)	3.70	Tolerance	mm ± 0.10	
Colours	YELLOW RAL 1021 special coding – inkjet 1-24			
Outer jackets				Standard
Material	Inside soft PVC / PUR compound external	Type	=	
Nominal Ø (mm)	27.50	Tolerance	mm ± 0.50	
Colour	BLACK half-matt RAL 9005 UV resistant - Flame retardant			
Printing	To be defined			
Armouring				Standard
Type of armouring	Kevlar braid	% covering	> 40%	
Formation	12 x 1180 dtx (max load ~ 5000N)	Tolerance	mm ± 0.50	

Electrical data				
Voltage Test	V	2000	Capacitance	pF / m a 20°C
Insulation Resistance	MΩ x km a 20°C	≥ 150	Inductance	mH / km a 20°C
Electrical Resistance	Ω x km a 20°C	≤ 4.95	Impedence	=

Physical data		
Temperature range	°C	-30°C +70°C
Bending Radius min.	mm	7x cable outer diameter (FIXED) – 15x cable outer diameter (MOBILE)
Total Weight (nominal)	Kg / km	1380

In accordance with the standard: *LV 2014/35/eu – ROHS 2015/863/eu*