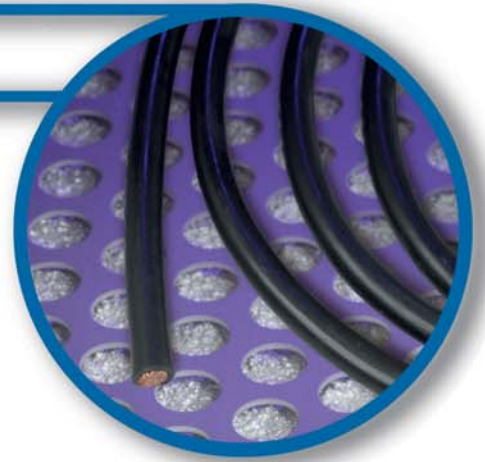


Radox I25 Wire



Radox I25 is a flexible, lightweight, radiation cross-linked wire with excellent fire hazard characteristics. Its many properties include: zero-halogen, low smoke generation, flame retardant, zero corrosive gas generation, excellent resistance to oils and chemicals and has a wide temperature range. Radox I25 wire is suitable for applications where a high level of fire safety is required particularly in domestic appliances, electrical switchgear, industrial lighting and control panels.

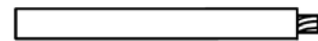
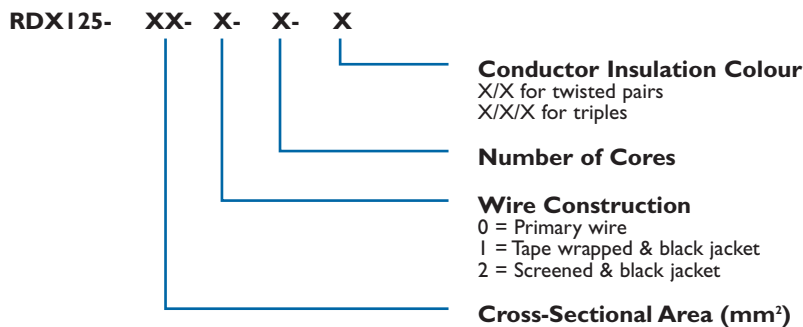
Huber + Suhner



Technical Characteristics

Continuous operating temperature	-40°C to +125°C
Voltage rating	0.25 - 1mm ² 450Vac/750Vdc 1.5 - 70mm ² 600Vac/1000Vdc
Conductors	Tin-plated copper

Part Numbering System



Primary Wire



Screened & Jacketed Single

Example: RDXI25-1.0-2-2-0/2 = RDXI25 wire, 1.0mm², screened twisted pair, black/red with a black jacket

Cross-Sectional Area (mm ²)	Stranding (No./mm)	O/D (mm)	Insulation Current Rating (for 30°C Ambient)	Weight (kg/100m)
0.25	19/0.13	1.45	12	0.4
0.34	19/0.15	1.52	14	0.5
0.50	19/0.18	1.7	18	0.7
0.75	24/0.20	2.2	24	1.1
1.0	32/0.20	2.6	29	1.4
1.5	30/0.25	2.7	36	1.9
2.5	50/0.25	3.5	50	3.0
4.0	56/0.30	4.2	67	4.6
6.0	84/0.30	5.5	89	7.3
10	80/0.40	6.9	127	12.0
16	126/0.40	8.1	170	18.0
25	196/0.40	9.5	225	27.0
35	276/0.40	11.2	285	37.0
50	396/0.40	13.1	359	53.0
70	361/0.50	15.0	454	73.0

Availability

Standard Spools: 100m & 1000m

Specifications: UL and CSA Listed

cabletec