

**Description:** Single Core Flexible Cable, Low Smoke Halogen Free (LSHF) Insulation. Conforming to H07Z-K & BS EN 50525-3-41

# NILTOX®



### Construction

Conductor Material : Bare Copper, Class 5  
 Insulation Material : Low Smoke Halogen Free (LSHF)  
 Insulation Colour : Replace XX on the end of the part number with the colour

00	Black	04	White	08	Orange
01	Blue	05	Grey	09	Yellow
02	Brown	06	Violet	10	Green
03	Red	07	Pink	99	Green/ Yellow

### Electrical Characteristics

Nominal Conductor Resistance : BS EN 60228  
 Voltage Rating : 450/750 V

### Physical Characteristics

Overall Diameter : See Table  
 Min. Bend Radius : 6 x OD  
 Temperature Rating : -15°C to +90°C  
 Weight : See Table

### Standards

Flame Retardant : BS EN 60332-1-2  
 Low Smoke Generation : BS EN 61034-2  
 Halogen Gas Emission : BS EN 60754-1&2  
 Manufactured in accordance to : BS EN 50525-3-41  
 RoHS3 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)  
 CPR Classification : Dca s2, d1, a1 (EN50575:2014+A1:2016)

Part No.	Size mm <sup>2</sup>	Weight kg/km	OD mm	Part No.	Size mm <sup>2</sup>	Weight kg/km	OD mm
249015XX-D31	1.5	21	3.4	249500XX-D31	50	560	13.9
249025XX-D31	2.5	33	4.1	249700XX-D31	70	780	16.0
249040XX-D31	4.0	49	4.8	249950XX-D31	95	1000	18.2
249060XX-D31	6.0	70	5.3	249120XX-D31	120	1300	20.2
249100XX-D31	10	125	6.8	249150XX-D31	150	1600	22.5
249160XX-D31	16	180	8.1	249185XX-D31	185	2000	24.9
249250XX-D31	25	275	10.2	249240XX-D31	240	2600	28.4
249350XX-D31	35	380	11.7				