

Features

- Flexible polyurethane (PUR) spiral power cable
- 12-core LiF12Y11Y TB19 FLEX construction with 0.75 mm² conductors
- 1.6 m extended length with space-saving coiled design
- Bare copper conductors with TPE-E insulation
- Black polyurethane (PUR) outer sheath
- Operating temperature range: -25°C to +70°C

RS PRO Spiral Cable TB19 FLEX TPE-E/PUR power cable 12G0,75mm², 0.4m / 1.6m Polyurethane (PUR)

RS Stock No.: 327-535



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

RS PRO Spiral Cable LiF12Y11Y TB19 FLEX power cable is a high-quality spiral cable designed to provide reliable power and control connections in applications requiring flexibility and continuous movement. Constructed with 12-core 0.75 mm² conductors, the cable delivers dependable electrical performance for multi-core power and signal transmission. The conductors are insulated with TPE-E material, while the durable black polyurethane (PUR) outer sheath provides excellent resistance to abrasion, mechanical wear, and repeated flexing, helping to ensure a long operational life in demanding environments. Its coiled design allows the cable to extend up to 1.6 m when required and retract when not in use, supporting efficient cable management and reducing clutter. This cable is commonly used for connecting movable machinery, automation systems, control equipment, handling devices, and portable electrical installations where multiple conductors and flexibility are required. Typical applications include industrial production equipment, robotic systems, assembly stations, machine tools, and power and control connections subject to regular movement. Suitable for operation in temperatures ranging from -25°C to +70°C, the cable is designed to provide reliable performance and mechanical protection in a wide range of industrial and commercial environments.

General Specifications

Brand	RS PRO
Product Type	Spiral Cable
Series	TB19 FLEX TPE-E/PUR power cable
Number of cores	12
Cable CSA	0,75 mm ²
Shielding	No
Jacket Material	Polyurethane (PUR)
Jacket colour	Black (semi-glossy)
Conductor type	42x0,15 mm Bare copper
Conductor insulation	TPE-E
Conductor colours	Different colours + Yellow/Green

Mechanical Specifications

Cable diameter	10,40mm
Conductor diameter	1,80mm
Spiral diameter	37,80mm
Retracted spiral cable length	0.4m
Extended spiral cable length	1.6m
Weight	0.62kg
Extension rate	4

Operation Environment Specifications

Minimum operating temperature	-25 °C
Maximum operating temperature	70 °C

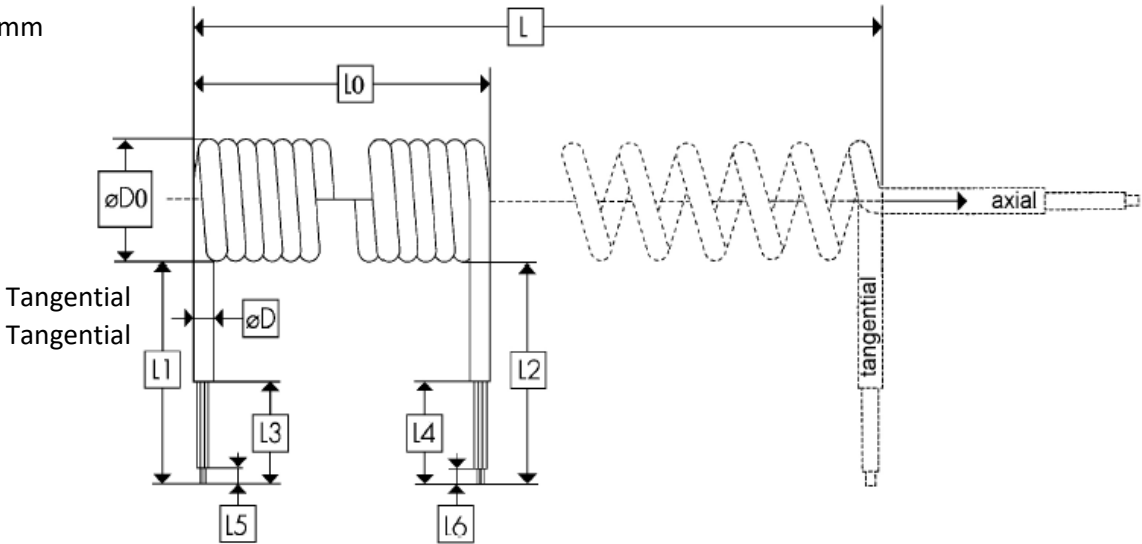
Approvals

Compliance/Certifications	RoHS
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Dimensional Drawing

*Dimensions below in mm

Key to Standard Diagram	
L	1600
L0	400
ØD	10,4
ØD0	37,8
L1	200
L2	200
L3	
L4	
L5	
L6	



Tolerances ± 10% unless stated otherwise