

Features

- Flexible polyurethane (PUR) spiral power cable
- 8-core LiF12Y11Y TB19 FLEX construction with 8 x 0.75 mm² conductors
- 6 m extended length with space-saving coiled design
- Bare copper conductors with TPE-E insulation
- Black semi-gloss polyurethane (PUR) outer sheath
- Operating temperature range: -25°C to +70°C

RS PRO Spiral Cable TB19 FLEX TPE-E/PUR power cable 8G0,75mm², 1.5m / 6.0m Polyurethane (PUR)

RS Stock No.: 284-4999



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 repeated movement. Constructed with 8-core tinned copper conductors, the cable delivers dependable electrical performance and enhanced resistance to corrosion, helping to ensure long-term reliability. The conductors are insulated with EPR/EPDM material, while the durable black semi-gloss polyurethane (PUR) outer sheath provides excellent resistance to abrasion, mechanical wear, and frequent flexing. Its coiled design allows the cable to extend when required and retract when not in use, supporting efficient cable management and reducing the risk of tangling or cable damage.

This cable is commonly used for connecting movable machinery, automation systems, handling equipment, control devices, and portable electrical installations where multiple conductors and high flexibility are required. Typical applications include industrial production equipment, assembly stations, machine tools, lifting systems, and power and control connections subject to regular movement. Suitable for operation in demanding industrial and commercial environments, the cable is designed to provide reliable power and signal transmission while offering effective mechanical protection and long service life.

General Specifications

Brand	RS PRO
Product Type	Spiral Cable
Series	TB19 FLEX TPE-E/PUR power cable
Number of cores	8
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	Black numbered + Yellow/Green

Mechanical Specifications

Cable diameter	8,10mm
Conductor diameter	1,70mm
Spiral diameter	28,20mm
Retracted spiral cable length	1.5m
Extended spiral cable length	6m
Weight	1.19kg
Extension rate	4

Operation Environment Specifications

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

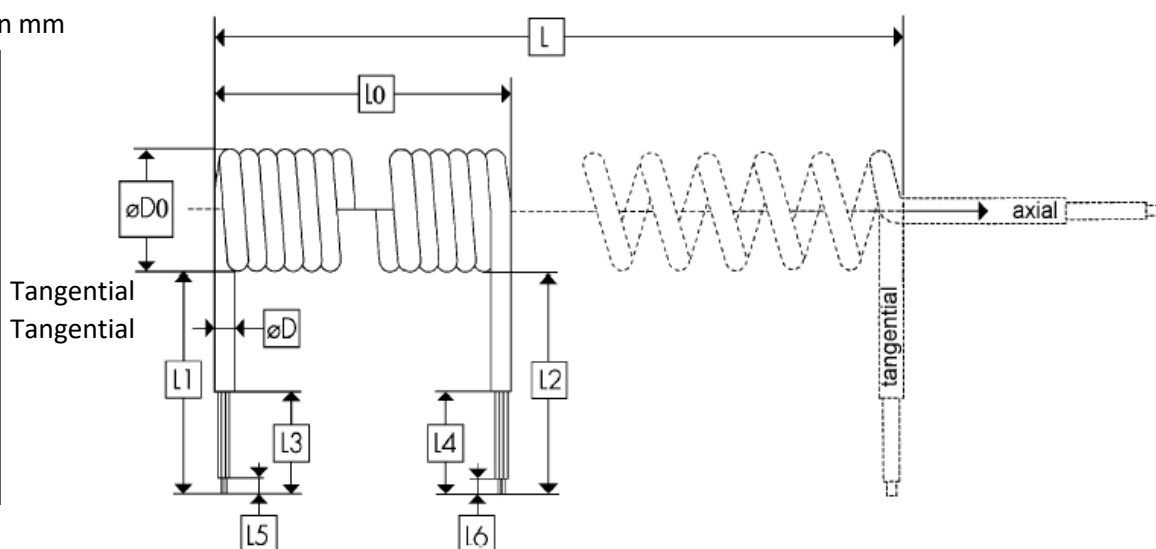
Approvals

Compliance/Certifications	RoHS
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Dimensional Drawing

*Dimensions below in mm

Key to Standard Diagram	
L	6000
L0	1500
ØD	8,1
ØD0	28,2
L1	200
L2	200
L3	
L4	
L5	
L6	



Tolerances $\pm 10\%$ unless stated otherwise