

Features

- Flexible polyurethane (PUR) spiral power cable
- 12-core LiF12Y11Y TB19 FLEX construction with 1.50 mm² conductors
- 2.8 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 12G1,50mm², 0.7m / 2.8m Polyurethane (PUR)

RS Stock No.: 327-539



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 a reliable and durable power connection in applications requiring flexibility and frequent movement. Constructed with 12-core 1.50 mm² conductors, the cable delivers dependable electrical performance for multi-core power and control applications. The cable features TPE-E conductor insulation and a robust black polyurethane (PUR) outer sheath that provides excellent resistance to abrasion, mechanical wear, and repeated flexing, helping to ensure long service life in demanding environments. Its coiled design allows the cable to extend up to 2.8 m when required and retract when not in use, supporting efficient cable management and reducing cable clutter. This cable is commonly used for connecting movable machinery, automation equipment, control systems, handling equipment, and other industrial installations where multiple conductors, flexibility, and durability are essential. Typical applications include production machinery, robotic systems, assembly stations, material handling equipment, and power and signal 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 applications.

General Specifications

Brand	RS PRO
Product Type	Spiral Cable
Series	TB19 FLEX TPE-E/PUR power cable
Number of cores	12
Cable CSA	1,50 mm ²
Shielding	No
Jacket Material	Polyurethane (PUR)
Jacket colour	Black (semi-glossy)
Conductor type	84x0,15 mm Bare copper
Conductor insulation	TPE-E
Conductor colours	Black numbered + Yellow/Green

Mechanical Specifications

Cable diameter	12,10mm
Conductor diameter	2,20mm
Spiral diameter	43,20mm
Retracted spiral cable length	0.7m
Extended spiral cable length	2.8m
Weight	1.63kg
Extension rate	4

Operation Environment Specifications

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

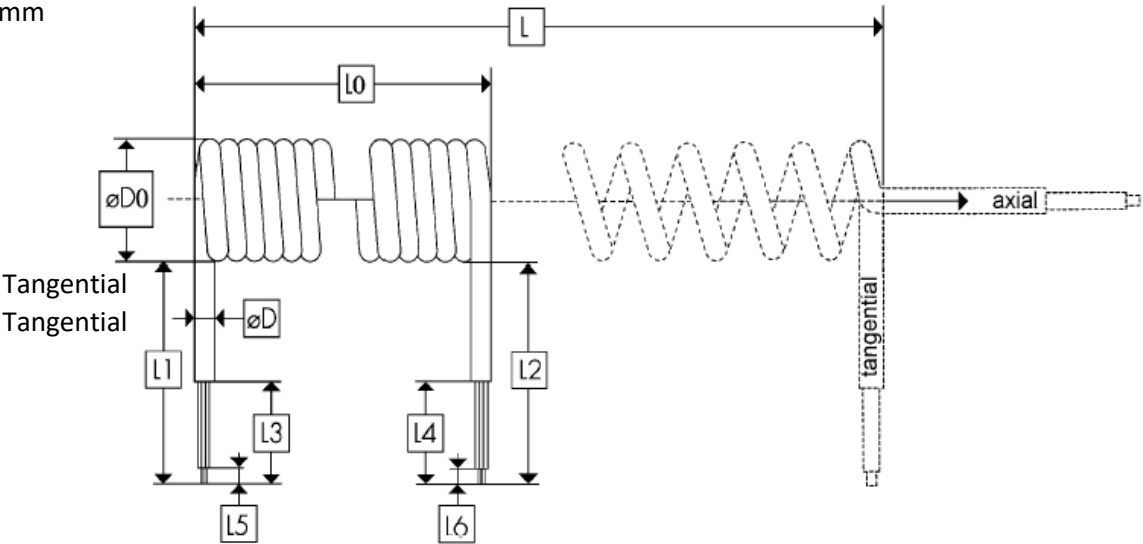
Approvals

Compliance/Certifications	RoHS
---------------------------	------

Dimensional Drawing

*Dimensions below in mm

Key to Standard Diagram	
L	2800
L0	700
ØD	12,1
ØD0	43,2
L1	200
L2	200
L3	
L4	
L5	
L6	



Tolerances $\pm 10\%$ unless stated otherwise