

Secondary Cable

TPE insulated & sheathed cable 600 V

1/1

(TPE/TPE)

according to customer & manufacturer specification



Construction

1. Stranded copper conductor
2. TPE Santoprene insulation black/white
3. PVC filling sheath
4. TPE Santoprene outer sheath

Properties

- Abrasion resistant
- Oil resistant
- UV resistant
- Deicer resistant (FR/KAc)
- Service temperature: -40 ... +90 °C
- Min. bending radius: 5x outer diameter
- Max. pulling force: total copper cross-section x 50 N/mm²
- Min. laying temperature: -5 °C

Dimensions

Cross-section	Conductor assembly	Insulation thickness mm	Sheath thickness mm	Overall diameter mm	Weight kg/km
2 x AWG 12	7-stranded	0,76	1,0	10,5	166

Electrical characteristics

Cross-section	Conductor resistance Ω/km @ 20 °C	Voltage test kV _{ac} -min.	Insulation resistance M Ω .km @ 15,6 °C
2 x AWG 12	<5,34	3,5 - 5	>656