

AVS (-40°C / +105°C)

Thin wall low tension cables



CONDUCTOR CONSTRUCTION

Conductor:

Annealed Electrolytic Copper Cu-ETP according to YPES-11-01-009A Concentric/bunch

Insulation:

PVC (Polyvinyl Chloride - Lead Free)
Plasticide PVC with properties according to YPES-21-02-001

Packaging:

Refer General Information

Ordering example:

AV - 0300 - YLGR

Type	Size	Color
Cable YPES-21-02-001	0.50mm ²	Red Green

INSULATED CONDUCTOR

Material type: PVC

Continuous temperature: 20°C (120h)

Intermittent temperature: 120°C (120h)

Cold resistance: -40°C

Oil resistant: Yes

Fuel resistant: Yes

Abrasion resistance: YPES-11-01-009

Flame resistance: YPES-11-01-009

Insulation wall thickness: Thin wall

Nominal Cross-Section mm ²	Number of individual wires	Diameter of individual wires mm	Bunch Diameter maximum mm	Resistance max @ 20 C maximum mΩ/m	Insulation wall thickness minimum mm	External diameter minimum	External diameter maximum	Weight approximately kg/1000m (Cu/PVC)
0.30	7	0.26	0.80	50.20	0.50	1.70	1.90	6.40
0.50	7	0.32	1.00	32.70	0.50	1.90	2.10	8.50
0.85	11	0.26	1.20	22.00	0.50	2.10	2.30	11.80
1.25	16	0.32	1.50	14.30	0.50	2.40	2.60	16.50
2.00	26	0.32	1.90	8.810	0.50	2.80	3.10	23.80
3.00	41	0.32	2.40	5.590	0.60	3.50	3.80	41.50
5.00	65	0.32	3.00	3.520	0.70	4.30	4.60	58.60