

FLRY-B (-40°C / +105°C)



CONDUCTOR CONSTRUCTION

Conductor:

Annealed Electrolytic Copper Cu-ETP according to DIN EN13602
DIN 72551, part 6, Type B and ISO 6722

Insulation:

PVC (Polyvinyl Chloride - Lead Free)
Plasticide PVC with properties according to DIN 72551 and ISO 6722 Class B

Packaging:

Refer General Information

Ordering example:

FLRYB - 0150 - RDWH

Type	Size	Color
Cross Section DIN 72551 (B)	1.25mm ²	Red White

INSULATED CONDUCTOR

Material type: PVC

Continuous temperature: 105°C (3000h)

Intermittent temperature: 120°C (48h)

Cold resistance: -40°C

Oil resistant: Yes

Fuel resistant: Yes

Abrasion resistance: As per ISO 6722/LV112

Flame resistance: As per ISO 6722/LV112

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)
0.35	12	0.20	0.90	52.00	0.20	1.20	1.40	4.50
0.50	16	0.20	1.00	37.10	0.22	1.40	1.60	6.60
0.75	24	0.20	1.20	24.70	0.24	1.70	1.90	9.00
1.00	32	0.20	1.35	18.50	0.24	1.90	2.10	11.00
1.50	30	0.25	1.70	12.70	0.24	2.20	2.40	16.00
2.50	50	0.25	2.20	7.60	0.28	2.80	3.00	26.00
4.00	56	0.31	2.75	4.70	0.32	3.40	3.70	42.00
6.00	84	0.31	3.30	3.10	0.32	4.00	4.30	61.00