

FLRY-J (-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 - 0125 - YLWH

Type	Size	Color
Cross Section DIN 72551 (A)	1.25mm ²	Yellow 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)
0.85	18	0.25	1.28	21.00	0.24	1.80	2.00	10.50
1.25	25	0.26	1.52	14.80	0.24	2.05	2.25	14.00
2.00	28	0.30	1.97	9.50	0.28	2.50	2.70	22.00
3.00	42	0.30	2.40	6.10	0.32	3.00	3.30	33.00
5.00	70	0.30	3.10	3.70	0.32	3.70	4.00	52.00