



SPECIFICATION

**Automotive Cable – flexible –
FLYY-fl, flat / FLYYF 2 x 2,50 mm²**
According to DIN 72551 B / ISO 6722-1, class A

WIRES	2 cable-wires 1,50mm ²
CONDUCTOR	50 ±2 wires Ø 0,25 mm (max.0,26); Typ B ISO 6722-1
DIAMETER OF CONDUCTOR	max. 2,2 mm ISO 6722-1
MATERIAL OF CONDUCTOR	Soft-annealed electrolytic copper Cu-ETP1 according to DIN EN 13602, bare
CONDUCTOR ELECTRICAL RESISTANCE	max. 7,98 mΩ/m at 20°C
INSULATION OF CONDUCTOR	Soft-Automotive-PVC; ISO 6722-1 Class A / T1 Shore A 92 ±
INSULATION DIAMETER	2,7 ±0,1 mm
COLORS OF INSULATIONS	e.g.: red-black
SHEATH	Soft-Automotive-PVC; ISO 6722-1 Class A / T1 Shore A 80 ±3 and YM2 acc. VDE 0207-5
CABLE / SHEATH COLOR	black
CABLE / SHEATH DIMENSION	ca. 4,6 ±0,2 mm x 8,1 ±0,30 mm
TEMPERATURE RANGE	from -40 to +85 C° (>3.000) ISO 6722-1
COPPER WEIGHT	48 kg / 1000 m
TOTAL WEIGHT	ca. 8 kg / 100m
SERVICE VOLTAGE	max. 600 V at 20°C
TESTING VOLTAGE	max. 3kV
INSULATING RESISTANCE	>10 ¹³ Ω x cm at 20°C VDE 207-4
FLAME RETARDANT	PVC self-extinguishing and flame retardant acc. to ISO 6722-1, UN ECE R118, VDE 0482-332-1-2, DIN EN 60332-1-2
CONFORMITY	RoHS and REACH