

FLYY-B Automotive cable double isolated
2x1,00 mm²

Acc. ISO 6722-1, Class A, DIN 72551 and ISO 14572
and EN 60228 (VDE 0295) Class 5



CORE	2 x 1,00 mm ²
CONDUCTOR	32 ±2 stranded wires á 0,20 mm (max. 0,21); B acc. ISO 6722-1;
CONDUCTOR RESISTANCE	max. 18,5 Ω/km at 20°C
DIAMETER OF CONDUCTOR	max. 1,4 mm acc. ISO 6722-1
CORES CONDUCTOR MATERIAL	Soft-annealed electrolytic copper (E-CU) Cu-ETP1 according to DIN EN 13602, bare
CORE INSULATION	acc. ISO 6722-1 class A / T1 Soft-Automotive-PVC YI2 acc. VDE 0207-4 Shore A 92 ±2 -40 to+ 85°C (>3.000h)
INSULATION DIAMETER OF CORES	2,4 mm ± 0,1 mm; Insulation thickness: nom 0,6 mm acc. ISO 6722-1
COLOR OF CORE	brown (standard) [or e.g. red]
SHEATH ISOLATION	acc. ISO 6722-1 class A / T1 Soft-Automotive-PVC YM2 Shore A 80 ±3; -40 to+ 85°C (>3.000h)
COLOR OF SHEATH	black (RAL 9005), UV-resistant <i>or according to your specification</i>
SHEATH DIAMETER	6,6 ± 0,2 mm; sheath thickness: nom. 0,6 mm <i>or according to your specification</i>
COPPER WEIGHT	19,2 kg / 1000m
TOTAL WEIGHT	ca. 6,5 kg / 100m
WORKING VOLTAGE	max. 60 V at 20°C
TEST VOLTAGE	min. 6 kV
INSULATING RESISTANCE	>10 ¹³ Ω x cm at 20°C
TEMPERATURE RANGE	-40 to+ 85°C (>3.000h); +70°C continuous VDE
BENDING RADIUS, flexing	6 x SHEATH DIAMETER
DURABILITY	largely resistant to oil and gasoline
FLAME RETARDANT	PVC self-extinguishing and flame retardant to UN ECE R118 acc. to ISO 6722-1 / VDE 0482-332-1-2, DIN EN 60332-1-2
CONFORMITY	RoHS and REACH conform