

**balanced rack wiring cable**

- solid conductor, $\varnothing$ 0.50 mm
- AL/PET foil shield

PVC

Internal wiring such as in racks, devices or stageboxes is the use of this balanced cable with only 2.7 mm overall diameter. Two copper wires and a drain wire are perfectly covered and screened by the PT/AL foil. To increase processing speed the jacket and the foil are bonded together to allow removal in one go.

construction

cond. construction	solid tinned copper wire, $\varnothing$ 0.50 mm
cond. cross section	0.19 mm ²
insulation	polyethylene (PE)
core arrangement	2 cores twisted to a pair
shielding	solid tinned drain wire + AL/PETP foil
outer jacket	PVC
overall diameter	2.7 mm

electric

conductor resistance	< 92 Ω /km
capacitance	
cond./cond.	90 pF/m
cond./shield	170 pF/m
insulation resistance	> 10 G Ω x km

mechanics

min. bending radius	20 mm
working temperature	-20°C / +70°C

order code	colour	weight [kg/m]	standard lengths [m]
J105YGR	grey	0,011	50 / 100 / 200 / 300