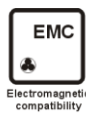
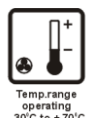


RG 108 A/U 78Ω

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DATA TRANSMISSION CABLE



APPLICATIONS

Cable **RG 108 A/U** intended for operation in IBM cash registers.

To achieve high analogue or digital data transmission performance the cable is protected against external electromagnetic interferences by an overall shield.

The cables are suitable for indoor installations connecting fixed and movable equipment.

CONSTRUCTION

- flexible, multiwire conductors, stranded of tin-plated copper wires, cross-section 0.5mm² (7x0.3 mm),
- polyethylene (PE) insulation - diameter 2.0 mm,
- insulated conductors twisted into pair,
- pair wrapped in polyester tape,
- tinned copper wire braid shield, density of coverage bigger than 85%,
- PVC cable sheath, colours on request.

CHARACTERISTICS

Characteristic impedance	78 ± 7 Ω		
Mutual capacitance at 1 kHz,	68 ± 5 nF/km	Minimum bending radius:	30 mm
		single	90 mm
DC conductor resistance at 20°C, approximate	34.5 Ω/km	Cable combustibility	flame retardant
DC screen resistance at 20°C, approximate	18.0 Ω/km	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
Operating temperature range:	from - 30 to + 70 °C	Reference standards	MIL-C-17/45ETIA/EIA 568 A

Attenuation loss, approximate

f	MHz	1	2	3	5	7	10	20	30	50	70	100
a	dB/100 m	2.5	3.7	4.6	6.1	7.2	8.5	12.1	14	17.2	20.2	26.0

CE = the cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of pairs (x 2) x conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm	mm	kg/km	kg/km
0221 016	1 x 2 x 0,5c	6.0	22.0	45

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.