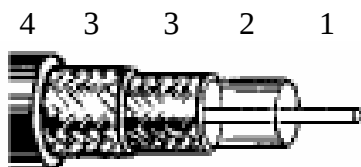


Application

Standard analog video cables are used in video circuits.

Construction & Dimensions



1. Conductor
2. Dielectric
- 3.2 Braid (double)
4. Jacket

1. **Inner Conductor** Innenleiter - Conduttore Interno – Conducteur – Conductor - Проводник
Material solid, bare copper
Diameter 0.6 mm
2. **Dielectric** Dielektrikum – Dielettrico – Diélectrique – Dieléctrico - Диэлектрик
Material PE
Diameter over insulation 3.70 mm
3. **Outer Conductor** Aussenleiter - Conduttore Esterno - Conducteur extérieur - Conductor externo - Внешний проводник
Material braid (double)

Shielding braid tinned copper braid
Coverage 90% ± 5%
85% ± 5%
4. **Jacket** Aussenmantel – Guaina – Gaine – Revestimiento - Оболочка
Material PVC
Diameter: 6.3 ± 0.2 mm
Color and text: see table Marking

Requirements and test methods

Electrical characteristics

Mean characteristic impedance: 75 ± 3 Ω

Wellenwiderstand - Impedenza Caratteristica Principale - Impédance nominale - Características eléctricas - Электрические характеристики

Nominal capacitance conductor to shield: 69.0 pF/m

Kapazitaet - Capacità Nominale Conduttore/Schermo - Capacité nominale entre conducteur et blindage - Capacitancia nominal de conductor a blindaje - Номинальная емкость "проводник-экран"

Nominal velocity of propagation: 66%

Ausbreitungsgeschwindigkeit - Velocità Nominale di Propagazione - Vitesse de propagation nominale - Velocidad nominal de propagación - Номинальная скорость распространения сигнала

Return loss at 1- 850 MHz: ≥ 23 dB*

Rueckflussdaempfung - Perdite Cumulative di Riflessione - Taux de réflexion du signal - Pérdida de retorno - Обратные потери на

Nominal Attenuation: Wellendaempfung - Attenuazione Nominale - Affaiblissement - Atenuación nominal - Номинальное затухание

MHz	dB/100m	MHz	dB/100m
1	1.1	360	20.8
10	3.5	540	26.2
135	12.5	750	32.0
270	17.9	1000	37.0



Mechanical and physical characteristics

Temperature range - storage/operation -15°C to +75°C

Temperature range - installation -5 °C to + 75°C

Minimum bending radius 10x Ø cable

Biegeradius - Raggio Minimo di Curvatura - Rayon de courbure minimum - Radio de curvatura mínimo - Минимальный радиус изгиба

Nominal cable weight 34 kg/km

Gewicht - Peso Nominale del Cavo - Poids - Peso nominal del cable - Номинальный вес кабеля

Ordering information

MARKING

Jacket colour	Text
Cream	BELDEN 43187 75 OHM DOUBLE BRAID BROADCAST VIDEO COAX

Meter marking: yes, MM-YY: month and year of manufacturing

PACKAGING (PUT-UP)

100m and 500m

Each reel is labelled with the following data:

Belden Logo, Belden code number, item description, length on the reel and date of manufacturing.

* max. 3 peak values 4 dB lower than specified