

#3368 12 Pair 26 AWG CMR LSZH



RG Wire & Cable Ltd
67 Cavendish Way
Glenrothes KY6 2SB
Scotland
Tel: +44 1592 775800
Fax: +44 1592 775822

Part NO: 3368

Product Code: RGW-1226

Product Description

Application:

Halogen Free Cable for communication and signal control systems.

Reference Standard

Customer's sample spec.and the general standard

Multi-construction

12 Pairs

Cable Construction

Conductor	Tinned Copper
Construction	T0.40±0.01
Solid Dia. (mm)	0.40
Insulation Layer	FPE-Skin
Thickness(mm)	0.285
Insulation Dia. (mm)	0.82±0.05×2C Twist
Insulation Color:	See the table 1
Mylar spiral	≥125%
Total Drain wire	Tinned Copper
Construction	T0.40±0.01
Total Al-Pet Shielded	≥125%
Braiding	Tinned Copper
Construction	T0.10±0.005×16×8
Braiding coverage	60%
Jacket	LSZH
Thickness(mm)	0.65
Dia.(±0.5mm)	7.80
Jacket Color	Black

Marking

RG Wire & Cable #3368 E478021 (UL) CMR 12 Pr 26 AWG 75C [MtrMrk]
or Alternative Print

RG Wire & Cable AB CA4 E478021 YYWW TEL 260 07/012 UL CMR 12

Pair 26 AWG 75C [Meter Mark]

PACKAGING

500m Wooden Drum

Bending Radius Min 32mm

Pull Force (N) 150 Max

RoHS GUIDELINE

We operate according to the following standards

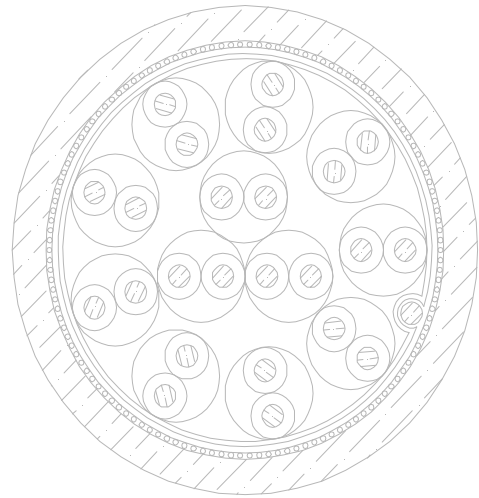
Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls (PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	

Revision History

Rev 5 - Add alternative cable marking

2017-02-10

Design



A:Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω /Km)	153
Rated Temperature(°C)	-20 to +75
Dielectric strength Cond.-cond.	2.5kV 2sec.
Cond.-screen.	2.5kV 2sec.
20°C Insulation Resistance(M Ω .KM)	5000
Impedance(Ω)	120±15
Velocity of Propoga 1 MHz	nom 0.22 Gm/s
Attenuation(max) 1 Mhz	2.8dB /100m
NEXT 1 Mhz	Min 52 dB

Table 1

Pair NO.	Conductor 1	Conductor 2	
1	white	blue	
2	white	orange	
3	white	green	
4	white	brown	
5	red	blue	
6	red	orange	
7	red	green	
8	red	brown	
9	black	blue	
10	black	orange	
11	black	green	
12	black	brown	

Screening attenuation @ 30 MHz	50dB
Mutual Capacitance @ 1 KHz (pF/m)	Nom 40
Capacitance Earth Unbalance @ 1 KHz (pF/km)	Max 1600
Transfer Impedance @ 30 MHz	Max 10 mOhm/m
Resistance Screen (DC)	Max 20 mOhm/m
ELFEXT @ 1 MHz	min 56 dB/100m
Resistance Unbalance (DC)	Max 2%

Fire properties UL 1666 CMR
IEC 332-3-24

Amount of acid Halogen Gas Max 1 %
to IEC 60754-2