



Coast™ Custom Cable

Tel: (908) 925-8000 E-mail: coast@alphawire.com

IP Owner: BioGenex

End Use Customer: BioGenex

Part Number: **13884 BK199**

Revision: None

Customer P/N: 4500-00055

Customer Revision: N/A

Cable Specification

13/C 24 AWG Shielded Cable

CONDUCTORS

Wire Size & Type: 24 AWG (41/40) Tinned Copper OR
24 AWG (41/40) Bare Copper

Nom. Wire Diameter: 0.023

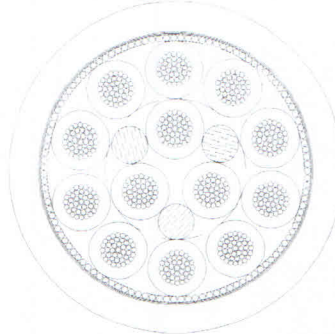
Insulation Type: Polypropylene

Nom. Ins Thickness: 0.007

Conductor Diameter: **0.037**

Tolerance (+/-): 0.002

- | | |
|------------------|-----------------|
| Colors: #1 Black | #8 Gray |
| #2 Brown | #9 Violet |
| #3 Red | #10 White |
| #4 Orange | #11 White/Black |
| #5 Yellow | #12 White/Green |
| #6 Green | #13 White/Red |
| #7 Blue | |



ASSEMBLY

Core Cabling: 13/C 24 AWG Cabled

Filler: Fibrillated Polypropylene

Binder: None

SHIELD

Type: SPIRAL

Material: Tinned Copper

Required Coverage: 90% minimum

AWG: #38

JACKET

Material Type: Black TPR

Separator: Tissue Paper

Nom. Jkt Thickness: 0.019

Cable Diameter: **0.210**

Tolerance (+/-): 0.010

TESTS

Test 1: Continuity

Test 2: Shorts

Test 3: Physical/Dimensional

MISCELLANEOUS

Voltage: 30V_{RMS}

Temperature: 105°C

→ Put Ups: 1,000 ft., May Contain Multiple Lengths Per Reel

Reel: Wood or Plastic

Colors: Munsell® Wire & Cable Limits of Deviation

ENVIRONMENTAL COMPLIANCE

RoHS: European Directive 2011/65/EU (ROHS2) and amending Directive 2015/863/EU

APPROVALS

Final Product: None

Note: Cable drawing is representative only and may not match the specific configuration of the final product.

Dimensions in inches unless otherwise specified

Prepared By: Mike Cother

Date: 1/5/2018

Customer Approval:

Title: J. Naresh

Date: 23/04/18

PROPRIETARY NOTICE

This document and any other data disclosed herein is the sole property of Alpha Wire and may not be reproduced, used or disclosed in part or in whole without the written consent of Alpha Wire. Please note that Alpha Wire does not warrant the specifications or designs developed with regard to Form, Fit, or Functionality for any specific end use application, and that the suitability of such and any future liability associated with the manufactured items is the sole responsibility of the end user.

*For testing Purpose
please supply 200FT.*

100FT for Trial order

*This approval for 200FT. Once the material tested and approved revised approval for 1000 FT
 23/04/18*

DT: 23-Oct-18

Sub: Quote request for 13/C 24AWGShielded Cable through your authorized
Distributor IEWC

Dear Sir,

We are confirming that we will process the Order through your authorized
Distributor **IEWC Located in Concord, CA** for the below material

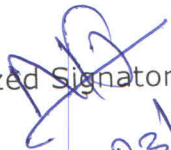
13884BK199
13/C 24AWGShielded Cable
Qty -200FT Trail order
Customer Approval Spec-Attached

So please find our Billing and shipping Address

BIOGENEX
49026,
Milmont Dr, Fremont,
CA-94538
Contact Person: Mr.Ajay/Mr.Naresh
PH: 510 824 1439 | Cell: 925 963 3050

For **BIOGENEX**

Authorized Signatory


23/0ct/18

BioGenex Life Sciences Pvt Ltd

Plot No.4, Survey No.656/A (Part), Aero Space and Precision Engineering Industries SEZ, Adibatla(V), Ibrahimpatnam (M)
Ranga Reddy Dist. Telangana - 501510 India. Tel : +91-040-66529200, www.biogenex.com, **CIN : U73100TG2005PTC045566**