**OWNER/ASSOCIATE APPROVED MATERIAL LIST- Updated 2018**

A. CABLE

4-UTP Cat-5e Broadband OSP – "BBDE Superior #04-001-58 1) Essex

4–STP Cat-5e (Shielded) Broadband OSP

– "BBDNE"

Superior

Essex

#04-001-54 1)

25–STP Cat-5 (Shielded) Broadband OSP

– "Megapic-NF"

Superior

Essex

#04-097-31 1)

100–STP Cat-5 (Shielded) Broadband OSP

– "Megapic-NF"

Superior

Essex

#04-104-31 1)

25-Pair, Type "BKMA", OSP "Voice Feeder" Superior

Essex

#20-097-42 1)

50-Pair, Type "BKMA", OSP "Voice Feeder" Superior

Essex

#20-100-42 1)

100-Pair, Type "BKMA", OSP "Voice Feeder" Superior

Essex

#20-104-42 1)

200-Pair, Type "BKMA", OSP "Voice Feeder" Superior

Essex

#20-108-42 1)

300-Pair, Type "BKMA", OSP "Voice Feeder" Superior

Essex

#20-110-42 1)

400-Pair, Type "BKMA", OSP "Voice Feeder" Superior

Essex

#20-112-42 1)

600-Pair, Type "BKMA", OSP "Voice Feeder" Superior

Essex

#20-116-42 1)

900-Pair, Type "BKMA", OSP "Voice Feeder" Superior

Essex

#20-118-42 1)

6-Pair, 24 AWG, "SEALPIC-FSF" Type (RUS PE-89) "Voice Feeder"

Superior

Essex

#04-092-02 1)

12-Pair, 24 AWG, "SEALPIC-FSF" Type

(RUS PE-89) "Voice Feeder"

Superior

Essex

#04-094-02 1)

25-Pair, 24 AWG, "SEALPIC-FSF" Type

(RUS PE-89) "Voice Feeder"

Superior

Essex

#04-097-02 1)

50-Pair, 24 AWG, "SEALPIC-FSF" Type (RUS PE-89) "Voice Feeder"

Superior

Essex

#04-100-02 1)

100-Pair, 24 AWG, "SEALPIC-FSF" Type (RUS PE-89) "Voice Feeder"

Superior

Essex

#04-104-02 1)

200-Pair, 24 AWG, SEALPIC-FSF" Type (RUS PE-89) "Voice Feeder"

Superior

Essex

#04-108-02 1)

300-Pair, 24 AWG, "SEALPIC-FSF" Type (RUS PE-89) "Voice Feeder"

Superior

Essex

#04-110-02 1)

400-Pair, 24 AWG, "SEALPIC-FSF" Type (RUS PE-89) "Voice Feeder"

Superior

Essex

#04-112-02 1)

600-Pair, 24 AWG, "SEALPIC-FSF" Type (RUS PE-89) "Voice Feeder"

Superior

Essex

#04-116-02 1)

900-Pair, 24 AWG, "SEALPIC-FSF" Type (RUS PE-89) "Voice Feeder"

Superior

Essex

#04-118-02 1)

25-Pair, Type "ANMW" OSP, Voice Feeder Superior

Essex

#22-097-83 1)

50-Pair, Type "ANMW" OSP, Voice Feeder Superior

Essex

#22-100-83 1)

100-Pair, Type "ANMW" OSP, Voice Feeder Superior

Essex

#22-104-83 1)

200-Pair, Type "ANMW" OSP, Voice Feeder Superior

Essex

#22-108-83 1)

300-Pair, Type "ANMW" OSP, Voice Feeder Superior

Essex

#22-110-83 1)

400-Pair, Type "ANMW" OSP, Voice Feeder Superior

Essex

#22-112-83 1)

600-Pair, Type "ANMW" OSP, Voice Feeder Superior

Essex

#22-116-83 1)

900-Pair, Type "ANMW" OSP, Voice Feeder Superior

Essex

#22-118-83 1)

1/2" Dia. 25 OHM Broadband Coax Feeder Comm Scope #P-3-75-500- JCASS

1" Dia. 25 OHM Broadband Coax Feeder Comm Scope #QR-860- JCASS

12-Strand Multimode, 24-Strand Singlemode, OFNR, I/O, 900 um HYBRID

Superior

Essex

#23036HF00 2) 3) 4)

12-Strand Multimode, 24-Strand Singlemode, OFNP, I/O, 900 um HYBRID

Superior

Essex

#24036HF00 2) 3) 4)

24-Strand Multimode, 12-Strand Singlemode, OFNR, I/O, 900 um HYBRID

Superior

Essex

#23036HF00 2) 3) 4)

24-Strand Multimode, 12-Strand Singlemode, OFNP, I/O, 900 um HYBRID

Superior

Essex

#24036HF00 2) 3) 4)

NOTES: 1) Or Associate approved equal by General Cable or Associate and Owner approved Hubbell Partner equal, offered as a voluntary alternate

2) Minimum order quantity is 3,280 feet for custom HYBRID cable designs, specify multimode and singlemode strand counts.

3) Custom Superior Essex P/N per U.T. Spec.

4) First digit "2" indicates non-water blocked, for dry water blocking construction, change first digit from "2" to "W".

|  |  |  |  |
| --- | --- | --- | --- |
| 4UTP,Cat-6a,CPM,Blue,“Wireless” | Superior Essex | #6H-272-2B | 1) |
| 4UTP, Cat-6, CMR, Blue, "Data" | Superior Essex | #54-272-2A or spool in a box #54-246-2A | 1) |
| 4UTP, Cat-6, CMP, Blue, "Data" | Superior Essex | #54-272-2B or spool in a box #54-246-2B spool in a box | 1) |
| 4UTP, Cat-3, CMR, White, "Voice" | Superior Essex | #18-241-43 | 1) |
| 4UTP, Cat-3, CMP, White, "Voice" | Superior Essex | #18-241-46 | 1) |
| 4UTP Cat 5e. CMP, White, “Voice” use if Cat3 discontinued by mfgr.  25UTP, Cat-3, CMR, Gray, "Voice" | Superior Essex | #18-475-33 | 1) |
| 25UTP, Cat-3, CMP, Gray, "Voice" | Superior Essex | #18-475-36 | 1) |
| 50UTP, Cat-3, CMR, Gray, "Voice" | Superior Essex | #18-579-33 | 1) |
| 50UTP, Cat-3, CMP, Natural, "Voice" | Superior Essex | #18-579-86 | 1) |
| 100UTP, Cat-3, CMR, Gray, "Voice" | Superior Essex | #18-789-33 | 1) |
| 100UTP, Cat-3, CMP, Natural, "Voice" | Superior Essex | #18-799-86 | 1) |
| 25-Pair, Type "ARMM", CMR, "Voice-Tie" | Superior Essex | #02-097-03 | 1), 2) |
| 50-Pair, Type "ARMM", CMR, "Voice-Tie" | Superior Essex | #02-100-03 | 1), 2) |
| 100-Pair, Type "ARMM", CMR, "Voice-Tie" | Superior Essex | #02-104-03 | 1), 2) |
| 200-Pair, Type "ARMM", CMR, "Voice-Tie" | Superior Essex | #02-108-03 | 1), 2) |

NOTES: 1) Or Associate approved equal by General Cable or Associate and Owner approved Hubbell Partner equal, offered as a voluntary alternate.

2) Higher pair count Type "ARMM" cables available, see Superior Essex Catalog for part numbers.

|  |  |  |  |
| --- | --- | --- | --- |
| 4UTP Cat-5e Broadband OSP, “BBDE” | Superior Essex | #04-001-58 | 1) |
| 4UTP Cat-6 Broadband OSP, “BBD6” | Superior Essex | #04-001-68 | 1) |
| 4STP Cat-5e (Shielded) Broadband, OSP, “BBDNE” | Superior Essex | #04-001-54 | 1) |

|  |  |  |  |
| --- | --- | --- | --- |
| 4STP Cat-6 (Shielded) Broadband, OSP, “BBDN6” | Superior Essex | #04-001-64 | 1) |
| 25STP Cat-5 (Shielded) Broadband, OSP, | Superior Essex | #04-097-31 | 1) |
| “Megapic-NF” |  |  |  |
| 100STP Cat-5 (Shielded) Broadband, OSP, | Superior Essex | #04-104-31 | 1) |
| “Megapic-NF” |  |  |  |
| ^6-Pair, 24 AWG,“Sealpic-FSF” Type(RUS PE- | Superior Essex | #04-092-02 | 1) |
| 89),OSP, VoiceFeeder |  |  |  |
| ^12-Pair, 24 AWG,“Sealpic-FSF” Type(RUS PE- | Superior Essex | #04-094-02 | 1) |
| 89),OSP, VoiceFeeder |  |  |  |
|  |  |  |  |
| 25-Pair, 24 AWG, “Sealpic-FSF” Type  (RUS-PE-89), OSP, Voice Feeder | Superior Essex | #04-097-02 | 1) |
|  |  |  |  |

NOTES: 1) Or Associate approved equal by General Cable or Associate and

Owner approved Hubbell Partner equal, offered as a voluntary alternate.

|  |  |  |  |
| --- | --- | --- | --- |
| ^50-Pair, 24 AWG, “Sealpic-FSF” Type (RUS PE 89), OSP, Voice Feeder | Superior Essex | #04-100-02 | 1) |
| ^100-Pair, 24 AWG, “Sealpic-FSF” Type (RUS PE 89), OSP, Voice Feeder | Superior Essex | #04-104-02 | 1) |
| ^200-Pair, 24 AWG, “Sealpic-FSF” Type (RUS PE 89), OSP, Voice Feeder | Superior Essex | #04-108-02 | 1) |
| ^300-Pair, 24 AWG, “Sealpic-FSF” Type (RUS PE 89), OSP, Voice Feeder | Superior Essex | #04-110-02 | 1) |
| ^400-Pair, 24 AWG, “Sealpic-FSF” Type (RUS PE 89), OSP, Voice Feeder | Superior Essex | #04-112-02 | 1) |
| ^600-Pair, 24 AWG, “Sealpic-FSF” Type (RUS PE 89), OSP, Voice Feeder | Superior Essex | #04-112-02 | 1) |
| 900- Pair, Type 24 AWG, “Sealpic-FSF” Type (RUS PE 89) OSP, Voice Feeder | Superior Essex | #04-118-02 | 1) |
| 1” Dia., 75 OHM Broadband Coax Feeder | CommScope | #QR-860-JCASS |  |
| ½” flooded coax | CommScope | #PG-500-JCASS |  |
|  |  |  |  |

NOTES: 1) Or Associate Fiber approved equal by General Cable, Corning or Associate and Owner approved Hubbell Partner equal, offered as a voluntary alternate.

12-Strand MM 50micron OM4 I/O OFNR Part F308-12U32-E991

12-Strand MM 50 micron OM4 I/O OFNP Part W4012PG01

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| INDOOR/OUTDOOR | Superior | Essex | #F305-012U13-E991 | |
| 12-Strand Singlemode, OFNR, 900 um | Superior | Essex | #W30123101 | 1), 3), 4) |
| INDOOR/OUTDOOR | Superior Essex #W4012K101 | | | |
| 12-Strand Singlemode, OFNR, 900 um | Superior | Essex | #240123101 | 1), 3), 4) |
| MM 50micron Indoor/Outdoor OM4 | Superior Essex #F308-024U32-E991 | | | |
| 24-Strand Multimode, OFNP, 900 um | Superior | Essex | #W30246G01 | 1), 3), 4) |
| MM 50micron Indoor/Outdoor OM4 | |  |  |  | | --- | --- | --- | | Superior | Essex | #W4024PK01 | | | | |
| 24-Strand Multimode,OFNP, 900 um | Superior | Essex | #240246G01 | 1), 3), 4), |
| Indoor/Outdoor | |  |  |  | | --- | --- | --- | | Superior | Essex | #F308-024U13-E91 | | | | |
| 24 Strand Singlemode, OFNR, 900 um | Superior | Essex | #W30243101 | 1), 3), 4) |
| Indoor/Outdoor | Superior | Essex | #W4024KK01 |  |
| 24-Strand Singlemode, OFNR, 900 um | Superior | Essex | #240243101 | 1), 3), 4) |
|  |  |  |  |  |
| 12-Strand SM Interlock Armor OFNP | Superior | Essex | #L4012K401 |  |
|  |  |  |  |  |
| 24-Strand SM Interlock Armor OFNP | Superior | Essex | #L4024KK1Q |  |
|  |  |  |  |  |
| 12-Strand MM 50micron OM4 I/A OFN | Superior | Essex | #L4012P401 |  |
|  |  |  |  |  |
| 24-Strand Multimode, 50micron OM4 IA OFNP | Superior | Essex | #L4024PK1Q |  |
|  |  |  |  |  |

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| NOTES: | 1) | Or Associate approved equal by General Cable or Associate and Owner approved Hubbell Partner equal, offered as a voluntary alternate. |
|  | 2) | Minimum order quantity is 3,280 feet for custom HYBRID cable designs, specify multimode and singlemode strand counts. |
|  | 3) | Custom Superior Essex P/N per U.T. Spec. |
|  | 4) | First digit "2" indicates non-water blocked, for dry water blocking construction change first digit from "2" to "W". |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| B. CONNECTIVITY: |  | | | |
| “Wireless)Jack,Cat-6a,Blue | Hubbell | #HJ6AB |  | 1) |
| "Data" Jack, Cat-6, Blue | Hubbell | #HXJ6B |  | 1) |
| "Voice" Jack, Cat-3, Office White | Hubbell | #HXJ3OW |  | 1) |
| “Voice” Jack, Cat-5e, Office White (use if manufacturer has discontinued Cat-3) | Hubbell | #HXJ5EOW |  |  |
| Blank Insert Module, Office White | Hubbell | #SFB10 |  | 1) |
| Blank Insert Module, Electrical Ivory | Hubbell | #SFBE10 |  | 1) |
| Blank Insert Module, Gray | Hubbell | #SFBG10 |  | 1) |
| "F" Type Bulkhead Coupler, Office White | Hubbell | #SFFX |  | 1) |
| "F" Type Bulkhead Coupler, Electrical Ivory | Hubbell | #SFFEX |  | 1) |
| "F" Type Bulkhead Coupler, Gray | Hubbell | #SFFGX |  | 1) |
| "LC" Type F/O Coupler Adapter, | Hubbell | #SFFLC |  | 1) |
| Office White |  |  |  |  |
| "LC" Type F/O Coupler Adapter, | Hubbell | #SFFLCEI |  | 1) |
| Electrical Ivory |  |  |  |  |
| "LC" Type F/O Coupler Adapter, | Hubbell | #SFFLCG |  | 1) |
| Gray |  |  |  |  |
| Single Gang Faceplate, 6-Port, Office White | Hubbell | #IFP160W |  | 1) |
| Single Gang Faceplate, 6-Port, Electrical Ivory | Hubbell | #IFP16EI |  | 1) |

Single Gang Faceplate, 6-Port, Gray Hubbell #IFP16GY 1)

Double Gang Faceplate, 9-Port, Office White

Double Gang Faceplate, 9-Port, Electrical Ivory

Hubbell #IFP290W 1)

Hubbell #IFP29EI 1)

|  |  |  |  |
| --- | --- | --- | --- |
| Double Gang Faceplate, 9-Port, Gray | Hubbell | #IFP29GY | 1) |
| Furniture Faceplate, 2-Port, Black | Hubbell | #FP2BK | 1) |
| Furniture With Herman Miller Adapter Plate | Hubbell | #HMRBBK | 1) |
| Standard Wall phone jack | Allen-Tel | #AT630A-4 | 1) |
| 106 Duplex Frame, Office White | Hubbell | #BR106C | 1) |
| 106 Duplex Frame, Electrical Ivory | Hubbell | #BR106E | 1) |
| 106 Duplex Frame, Gray | Hubbell | #BR106G | 1) |
| Single Gang S.S. Faceplate, 2-Port | Hubbell | #SSFL-12 | 1) |
| Single Gang S.S. Faceplate, 6-Port | Hubbell | #SSFL-16 | 1) |
| Double Gang S.S. Faceplate, 12-Port | Hubbell | #SSFL212 | 1) |

NOTES: 1) Or Associate approved equal by Leviton, offered as a voluntary alternate.

C. EQUIPMENT (RACKS, SPLICE ENCLOSURES, MODULES, AND TERMINATIONS):

Distribution Rack 19" x 84"

2 Post Rack

Hubbell Ortronics CPI

#HPW84RR19

#OR-19-84T2SDB

#55053-703

|  |  |  |
| --- | --- | --- |
| Distribution Rack 19" x 84" | Ortronics | #OR-19-84T4SDA2732 |
| 4 Post Rack, 27-32" Deep | CPI | #50120-703 |

|  |  |  |
| --- | --- | --- |
| Vertical Cable Organizer – 3” x 84” | Ortronics CPI | #OR-VO-84-T3E  #11730-703 |
| Vertical Cable Organizer – 6” x 84” | Ortronics CPI | #OR-VO-84-T6E  #11374703 |

|  |  |  |  |
| --- | --- | --- | --- |
| Patch Cord Organizer – 1RMU | Ortronics | #OR-FCM19-1SRC |  |
|  | Hubbell | #HC 119 CE1N |
| Patch Cord Organizer – 2RMU | Ortronics | #OR-FCM19-2SRC |
|  | Hubbell | #HC 219 CE1N |
| Interbay Organizer – 2RMU | Ortronics | #OR-FCM19-2XL |
|  | Hubbell | #HC 119 CE1N |
| 24-Port Unloaded Patch Panel | Hubbell | #HPJ24 | 1) |
| 48-Port Unloaded Patch Panel | Hubbell | #HPJ48 | 1) |
| 19" Rear Cable Management Bar | Hubbell | ^#CMBR | 1) |
| Fiber Optic Rack Mount Panel, 12-6 Pack | Hubbell | ^ #FCR3U12SP | 1) |
| Loaded 6 Pack Adapter Panel, Duplex LC- | Hubbell | ^#FSPLCDSAQ |  |
| MM (50um) LC Aqua |  |  |  |
| Loaded 6 Pack Adapter Panel, Duplex LC- |  |  |  |
| Blue MM-50um | Hubbell | #FSPLCDSAQ | |
|  |  |  | |
| Fiber Optic Splice Enclosure – 6 Tray Hubbell | | #FCR350SE | 1) |
|  | |  |  |
| 24 Fiber Fusion Splice, Tray Hubbell | | #Stray 24F | 1) |
|  | |  |  |
| Fiber Pigtails | |  |  |
| 12-Fiber MM 50 micron OM4 LC Hubbell | | FPBKR12LC4M |  |
| 12-Fiber SM Pigtail LC | Hubbell | FPBK12LC6S |  |
| Alternate Splice on Connector |  |  |  |
| Sumitomo |  |  |  |
| LYNX SPLC-ON CONN MMF5OUM 10G 250/900um | Part LYNX2-LCPCM510G-250900 | | |
| LYNX SPLC-ON CONN SM 10G250/900UM | Part LYNX2-LCUPCSM-250900 | | |
| Vertical Powerstrip, 10-20A Receptace Geist | #VTR CRV140-1024 | | |

Distribution Rack Dust Cover, 19" Ortronics #OR DC-19B

2 Post Rack Hubbel

CPI

Distribution Rack Dust Cover, 19" 4 Post Rack, 27-32" Depth

Ortronics #OR-DC2732-19

|  |  |  |
| --- | --- | --- |
| Distribution Rack Guard Rail, 19" | Ortronics  CPI | #OR-GR-19B  #40058-719 |
| Distribution Rack Ground Bar | CPI | #10610-019 |
|  | ^ Hubbell | #HBBBHR19KT |
| 50-Pair 66M1-50 Block | Siemons | ^#M1-50 |
| Mounted on an 89B Bracket | Siemons | #S89D |
| 66M1-50 Wall Mount Module, 400 Pair | B-Line | #SB-720-0204-C-FB |
| 66M1-50 Wall Mount Module, 600 Pair | B-Line | ^#SB-720-0304-C-FB |
| 66M1-50 Wall Mount Module, 900 Pair | B-Line | ^#SB-720-0306-C-FB |
| 66M1-50 Wall Mount Module, 2000 Pair | B-Line | ^#SB-720-0410-C-FB |
| Telecommunications Main Grounding Bus Bar | Newton | #30560010 |
| (TMGB) Copper Tin Plated | CPI | #40158-020 |
|  | Panduit | ^#GB4B0624TPI-1 |
| Telecommunications Grounding Bus Bar | Newton | #30580010 |
| (TGB) Copper Tin Plated | CPI | #40156-012 |
|  | Panduit | ^#GB4B0612TPI-1 |
| Equipment Shelf; | Ortronics | #OR-ES-19-3B |
| 19"W x 15.5"D x 3.5"H Equipment Shelf, Black | CPI | #11293-719 |
| Laptop Computer Shelf | CPI | #11744-719 |

Vault and riser splice enclosures (copper) 3M Type "K and B", sized as required by the Contractor.

Aerial and underground pressurized splice enclosure (copper) 3M Type "50/51P" Series, sized as required by the Contractor.

Fiber optic splice enclosure, 3M Type 2178-L/S, sized as required by the Contractor.

24-Port Unloaded Patch Panel Hubbell #UDX24E

48-Port Unloaded Patch Panel Hubbell #UDX48E

19" Rear Cable Management Bar Hubbell #CMBR

Fiber Optic Rack Mount Panel, 6-6 Pack Hubbell #FCR2U6SP

Fiber Optic Wall Mount Panel, 4-6 Pack Hubbell ##FCW12SP

Fiber Rackmnt PNL 9-6 PNL, 54P UNLD Hubbell FCR2U9SP

FIBER ADAPT PANEL BLANK Hubbell FSPB

12F PIGTAIL BUNDLE LC OM4 Hubbell FPBKR12LC4M

12 STRAND LC SM PIGTAIL Hubbell FPBKR12LC6S

BUSBAR 2INX10IN 8D 2DA INSL TR Hubbell HBBB14210A

FUSION SPLICE SLEEVE 40 MM Leviton FSSSD-40

Electrical

HOUSING SURFACE MOUNT, 1-PORT WH Hubbell ISB1W

P-RACK, 84 IN Ortronics OR-19-84-T2SDB

84 IN, VERT ORG, 3 INCHNL Ortronics OR-VO-84-T3E

84IN, VERT ORG, 6-INCHNL Ortronics OR-VO-84-T6E

INTERBAY ORGANIZER 2U Ortronics ORFCM-19-2XL

CABLEMGT, LAD-RCK 10LX12W BK Hubbell HLS1012B

FIBER RACKMNT, PNL 6 6PK PNL, 36P UNLD Hubbell FCR2U6SP

FIBER ADAPT PNL, 6 PK 6 LCDUP P-BZ, ZIRC BL Hubbell FSPLCDM6AQ

FIBER ADAPT PNL, 12FIB 6LC DUPLX Hubbell FSPLCDS6B

Fiber Optic Splice Panel – 2 Tray Hubbell #FSS01 1) Fiber Optic Splice Enclosure – 6 Tray Hubbell #FCR350SE 1)

24 Fiber, Fusion Splice, Splice Tray Hubbell #STRAY 24F 1)

12 Fiber, Fusion Splice, Splice Tray Hubbell #STRAY 12F 1)

NOTES 1) Or Associate and Owner approved equal by Levitron, offered as a voluntary alternate.

6-Pair Type 110ANA Circa 1880ENA1/NSC-6

25-Pair Type 110ANA Circa 1880ENA1/NSC-25

50-Pair Type 190 Circa 1900-50A

100-Pair Type 190 Circa 1900-100K

Protector Module –

Gas Tube W/O Heat Coils

Circa 3B1E

Protector Module –

Gas Tube W/O Heat Coils

Circa 4B1E

Protector Module –

Solid State W/O Heat Coils

Circa 3B1S-300

Protector Module –

Solid State W/ Heat Coils

Circa 4B1S-300

Protector Module –

Solid State W/ Heat Coils 75 VOC

Circa 4B3S-75

Protector Module – Shorten, Dummy Circa 3B1N

25-Pair Splicing Modules 3M #MS2 4000 TR or

4000 DWP/TR W/ Sealant Box As Required

50-Pair "66MI-50 Block" Siemen No. #M1-50, Mounted on a "89B Bracket" Siemen #S89B

C. PARKING LOT CAMERA WIRING

2-Strand Indoor/Outdoor MM 62.5

OFNR

ESSEX W30026G01

Industrial Mini 10/100 Media

Converter(SC)

Transition Networks M/E-ISW-FX-01(SC)

Mini Wall Mount Bracket ”Mounted at

Base of Pole”

Transition Networks WMBM

Power Supply 1Amp 12VDC Speco PSW5

CAT.6A BBDN6A Series OSP For short ESSEX 04-001-A4

RUNS

D. CAMERAS

|  |  |  |  |
| --- | --- | --- | --- |
|  | Manufacturer | Part Number | Color if applicable |
| Cameras | Axis | to be determined | N/A |
| Cable Cat6 | Superior/ Essex | 54-246-2B | Blue |

Fiber Optics Depends on cable amount and distance Orange w/SC ends

Aqua-W/SC for MM 50um.

Jacks Cat6 Hubbell HXJ6B Blue

|  |  |  |  |
| --- | --- | --- | --- |
| Face Plates | Hubbell | 1FP1GY | Gray |
| Biscuit | Hubbell | ISB1E1 | Optional |
| Fiber Converter | Transition Networks | E-100BTX-FX-05(SC) | N/A |
| Fiber Conv. Waterproof | Transition Networks | M/E-ISW-FX-01(SC) | N/A |
| Power injector | AXIS | T8133 (30w) | N/A |
|  | AXIS | T8124 (60w) | N/A |
| Power inj. Water proof | AXIS | T8123-E (30w) | N/A |
|  | AXIS | T8124-E (60w) | N/A |
| Lightning Arrestors | L-Com | HGLND-CAT6J | N/A |